

Polymer Library

Entry ID	Name	Structure Formula	Newly Added in Ver.3.8
FLT-001	Polyethylene (high density) : PE(HDPE)	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}$	
FLT-002	Polypropylene(isotactic) ; <i>iso</i> -PP	$\text{---}\{ \text{CH}_2\text{CH}(\text{CH}_3) \}_n\text{---}$	
FLT-003	Polypropylene(atactic) ; <i>at</i> -PP	$\text{---}\{ \text{CH}_2\text{CH}(\text{CH}_3) \}_n\text{---}$	
FLT-004	Polypropylene (syndiotactic) ; <i>syn</i> -PP	$\text{---}\{ \text{CH}_2\text{CH}(\text{CH}_3) \}_n\text{---}$	
FLT-005	Polybutene-1 (isotactic)	$\text{---}\{ \text{CH}_2\text{CH}(\text{CH}_2\text{CH}_3) \}_n\text{---}$	
FLT-006	Poly(4-methyl-1-pentene) ; PMP	$\text{---}\{ \text{CH}_2\text{CH}(\text{CH}_2\text{CH}(\text{CH}_3)\text{CH}_3) \}_n\text{---}$	
FLT-007	Isobutylene-isoprene rubber; IIR; 1% isoprene	$\text{---}\{ \text{CH}_2\text{C}(\text{CH}_3)_2 \}_m\text{---}\{ \text{CH}_2\text{C}(\text{CH}_3)=\text{CHCH}_2 \}_n\text{---}$	
FLT-008	Ethylene-propylene copolymer ; P (E-P); E40%	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_m\text{---}\{ \text{CH}_2\text{CH}(\text{CH}_3) \}_n\text{---}$	
FLT-009	Ethylene-propylene diene rubber ; EPDM	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_l\text{---}\{ \text{CH}_2\text{CH}(\text{CH}_3) \}_m\text{---}\{ \text{X} \}_n\text{---}$ X = diene	
FLT-010	Ethylene-methyl methacrylate copolymer ; P (E-MMA); MMA13%	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}\{ \text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_3) \}_m\text{---}$	
FLT-011	Ethylene-acrylic acid copolymer ; P (E-AA)	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}\{ \text{CH}_2\text{CH}(\text{COOH}) \}_m\text{---}$	
FLT-012	Ethylene-vinyl acetate copolymer ; EVA; VAc 20%	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}\{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \}_m\text{---}$	
FLT-013	Ethylene-ethyl acrylate copolymer ; P (E-EA); EA 50%	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_m\text{---}\{ \text{CH}_2\text{CH}(\text{COOC}_2\text{H}_5) \}_n\text{---}$	
FLT-014	Ethylene-vinyl alcohol copolymer ; P(E-VA)	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_m\text{---}\{ \text{CH}_2\text{CH}(\text{OH}) \}_n\text{---}$	
FLT-015	Polyethylene ionomer ; IO	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}\{ \text{CH}_2\text{C}(\text{CH}_3)(\text{COO}) \}_m\text{---}$: Zn ...OCO -	
FLT-016	Polystyrene ; PS	$\text{---}\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \}_n\text{---}$	
FLT-017	Styrene-methyl acrylate copolymer ; P(S-MA); MA 50%	$\text{---}\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \}_m\text{---}\{ \text{CH}_2\text{CH}(\text{COOCH}_3) \}_n\text{---}$	
FLT-018	Styrene-methyl acrylate alternating copolymer	$\text{---}\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5)\text{-CH}_2\text{CH}(\text{COOCH}_3) \}_n\text{---}$	
FLT-019	Styrene-methyl methacrylate copolymer ; P(S-MMA); MMA 50%	$\text{---}\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \}_m\text{---}\{ \text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_3) \}_n\text{---}$	
FLT-020	Styrene-methyl methacrylate alternating copolymer	$\text{---}\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5)\text{-CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_3) \}_n\text{---}$	
FLT-021	Methyl methacrylate-butadiene-styrene copolymer ; MBS	$\text{---}\{ \text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_3) \}_l\text{---}\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \}_m\text{---}\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \}_n\text{---}$	
FLT-022	Acrylonitrile styrene copolymer ; AS; AN 50%	$\text{---}\{ \text{CH}_2\text{CH}(\text{CN}) \}_m\text{---}\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \}_n\text{---}$	
FLT-023	Acrylonitrile-styrene alternating copolymer	$\text{---}\{ \text{CH}_2\text{CH}(\text{CN})\text{-CH}_2\text{CH}(\text{C}_6\text{H}_5) \}_n\text{---}$	
FLT-024	Acrylonitrile-butadiene-styrene copolymer ; ABS	$\text{---}\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \}_x\text{---}\left\{ \left\{ \text{CH}_2\text{CH}(\text{CN}) \right\}_m\text{---}\left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n\right\}_y\text{---}$	
FLT-025	Acrylonitrile acrylate styrene copolymer ; AAS	$\text{---}\{ \text{CH}_2\text{CH}(\text{COOC}_4\text{H}_9) \}_x\text{---}\left\{ \left\{ \text{CH}_2\text{CH}(\text{CN}) \right\}_m\text{---}\left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n\right\}_y\text{---}$	

FLT-026	Acrylonitrile-EPDM-styrene copolymer ; AES	$\text{---}\left\{\text{CH}_2\text{CH}_2\right\}_p\left\{\text{CH}_2\text{CH}(\text{CH}_3)\right\}_q\left\{\text{X}\right\}_r\left\{\text{CH}_2\text{CH}(\text{CN})\right\}_m\left\{\text{CH}_2\text{CH}(\text{C}_6\text{H}_5)\right\}_n\text{---}$ X = diene	
FLT-027	Styrene-maleic anhydride copolymer ; P(S-Mah)	$\text{---}\left\{\text{CH}_2\text{CH}(\text{C}_6\text{H}_5)\right\}_m\left\{\text{CH}(\text{CO})\text{---}\text{CH}(\text{CO})\right\}_n\text{---}$ O	
FLT-028	Styrene-divinylbenzene copolymer ; P(S-DVB); DVD 4.4%, ES 3.6%	$\text{---}\left\{\text{CH}_2\text{CH}(\text{C}_6\text{H}_5)\right\}_l\left\{\text{CH}_2\text{CH}(\text{C}_6\text{H}_4)\right\}_m\left\{\text{CH}_2\text{CH}(\text{C}_6\text{H}_4\text{CH}_2\text{CH}_3)\right\}_n\text{---}$ ---CHCH₂---	
FLT-029	Poly(alpha-methylstyrene) ; P-alpha-MS	$\text{---}\left\{\text{CH}_2\text{C}(\text{CH}_3)(\text{C}_6\text{H}_5)\right\}_n\text{---}$	
FLT-030	Polydivinylbenzene ; PDVB ; DVD:ES = 55:45	$\text{---}\left\{\text{CH}_2\text{CH}(\text{C}_6\text{H}_4)\right\}_m\left\{\text{CH}_2\text{CH}(\text{C}_6\text{H}_4\text{CH}_2\text{CH}_3)\right\}_n\text{---}$ ---CHCH₂---	
FLT-031	Poly(p-chlorostyrene)	$\text{---}\left\{\text{CH}_2\text{CH}(\text{C}_6\text{H}_4\text{Cl})\right\}_n\text{---}$	
FLT-032	Poly(p-methylstyrene) ; PMS	$\text{---}\left\{\text{CH}_2\text{CH}(\text{C}_6\text{H}_4\text{CH}_3)\right\}_n\text{---}$	
FLT-033	Poly(2-vinylpyridine)	$\text{---}\left\{\text{CH}_2\text{CH}(\text{C}_5\text{H}_4\text{N})\right\}_n\text{---}$	
FLT-034	Acrylonitrile-p-chlorostyrene copolymer	$\text{---}\left\{\text{CH}_2\text{CH}(\text{CN})\right\}_m\left\{\text{CH}_2\text{CH}(\text{C}_6\text{H}_4\text{Cl})\right\}_n\text{---}$	
FLT-035	Chloromethylated styrene-divinylbenzene copolymer; DVB 8%	$\text{---}\left\{\text{CH}_2\text{CH}(\text{C}_6\text{H}_5)\right\}_l\left\{\text{CH}_2\text{CH}(\text{C}_6\text{H}_4)\right\}_m\left\{\text{CH}_2\text{CH}(\text{C}_6\text{H}_4\text{CH}_2\text{Cl})\right\}_n\text{---}$ -CHCH₂-	
FLT-036	Poly(methyl methacrylate) ; PMMA	$\text{---}\left\{\text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_3)\right\}_n\text{---}$	
FLT-037	Poly(n-butyl methacrylate) ; PBMA	$\text{---}\left\{\text{CH}_2\text{C}(\text{CH}_3)(\text{COOC}_4\text{H}_9)\right\}_n\text{---}$	
FLT-038	Poly(2-hydroxyethyl methacrylate) ; PHEMA	$\text{---}\left\{\text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_2\text{CH}_2\text{OH})\right\}_n\text{---}$	
FLT-039	Poly(methyl acrylate) ; PMA	$\text{---}\left\{\text{CH}_2\text{CH}(\text{COOCH}_3)\right\}_n\text{---}$	
FLT-040	Poly (ethyl acrylate) ; PEA	$\text{---}\left\{\text{CH}_2\text{CH}(\text{COOC}_2\text{H}_5)\right\}_n\text{---}$	
FLT-041	Poly(butyl acrylate) ; PBA	$\text{---}\left\{\text{CH}_2\text{CH}(\text{COOC}_4\text{H}_9)\right\}_n\text{---}$	
FLT-042	Poly(acrylic acid) ; PAA	$\text{---}\left\{\text{CH}_2\text{CH}(\text{COOH})\right\}_n\text{---}$	
FLT-043	Methyl methacrylate-methyl acrylate copolymer ; P(MMA-MA); MA 10%	$\text{---}\left\{\text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_3)\right\}_m\left\{\text{CH}_2\text{CH}(\text{COOCH}_3)\right\}_n\text{---}$	
FLT-044	Higher methacrylate copolymer	$\text{---}\left\{\text{CH}_2\text{C}(\text{CH}_3)(\text{COOR})\right\}_n\text{---}$ R=C₁, C₄-C₁₈, C₁₈	
FLT-045	Acrylic rubber ; ACM	$\text{---}\left\{\text{CH}_2\text{CH}(\text{COOC}_2\text{H}_5)\right\}_l\left\{\text{CH}_2\text{CH}(\text{COOC}_4\text{H}_9)\right\}_m\left\{\text{CH}_2\text{CH}(\text{COOC}_2\text{H}_5\text{OCH}_3)\right\}_n\text{---}$	
FLT-046	Polyacrylonitrile ; PAN	$\text{---}\left\{\text{CH}_2\text{CH}(\text{CN})\right\}_n\text{---}$	
FLT-047	Acrylonitrile-methyl acrylate copolymer; AN 46%	$\text{---}\left\{\text{CH}_2\text{CH}(\text{CN})\right\}_m\left\{\text{CH}_2\text{CH}(\text{COOCH}_3)\right\}_n\text{---}$	
FLT-048	Polyacrylamide ; PAAm	$\text{---}\left\{\text{CH}_2\text{CH}(\text{CONH}_2)\right\}_n\text{---}$	
FLT-049	Poly(maleic anhydride) ; PMAh (Maleic acid)	$\text{---}\left\{\text{CH}(\text{CO})\text{---}\text{CH}(\text{CO})\right\}_n\text{---}$ O	

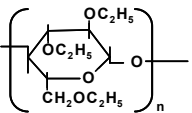
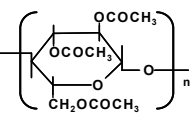
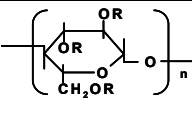
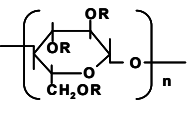
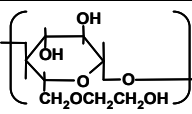
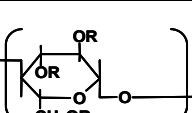
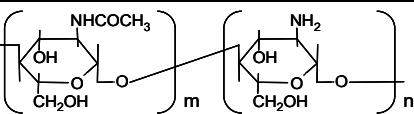
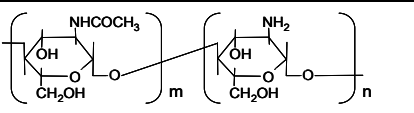
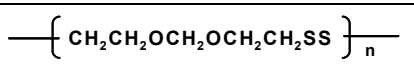
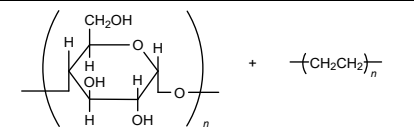
FLT-050	Poly(vinyl chloride) ; PVC	$\text{---}\{ \text{CH}_2\text{CHCl} \}_n\text{---}$	
FLT-051	Vinyl chloride-vinylidene chloride copolymer ; P(VC-VdC)	$\text{---}\{ \text{CH}_2\text{CHCl} \}_m\{ \text{CH}_2\text{CCl}_2 \}_n\text{---}$	
FLT-052	Chlorinated poly(vinyl chloride) ; CPVC; HCl 66wt%	$\text{---}\{ \text{CH}_2\text{CHCl} \}_l\{ \text{CHClCHCl} \}_m\{ \text{CH}_2\text{CCl}_2 \}_n\text{---}$	
FLT-053	Chlorinated polyethylene ; CM; HCl 30%	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_m\{ \text{CH}_2\text{CHCl} \}_n\text{---}$	
FLT-054	Vinyl chloride-vinyl acetate copolymer ; P(VC-VAc); VAc 12%	$\text{---}\{ \text{CH}_2\text{CHCl} \}_m\{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \}_n\text{---}$	
FLT-055	Chlorosulfonated polyethylene ; CSM	$\text{---}\{ \text{CH}_2\text{CHCl} \}_l\{ \text{CH}(\text{SO}_2\text{Cl}) \}_m\{ \text{CHCl} \}_n\text{---}$	
FLT-056	Acrylonitrile-vinyl chloride copolymer ; P(AN-VC); AN 50%	$\text{---}\{ \text{CH}_2\text{CH}(\text{CN}) \}_m\{ \text{CH}_2\text{CHCl} \}_n\text{---}$	
FLT-057	Acrylonitrile-vinyl chloride alternating copolymer	$\text{---}\{ \text{CH}_2\text{CH}(\text{CN})\text{-CH}_2\text{CHCl} \}_n\text{---}$	
FLT-058	Methyl acrylate-vinyl chloride copolymer ; P(MA-VC); MA 50%	$\text{---}\{ \text{CH}_2\text{CH}(\text{COOCH}_3) \}_m\{ \text{CH}_2\text{CHCl} \}_n\text{---}$	
FLT-059	Methyl acrylate-vinyl chloride alternating copolymer	$\text{---}\{ \text{CH}_2\text{CH}(\text{COOCH}_3)\text{-CH}_2\text{CHCl} \}_n\text{---}$	
FLT-060	Polytetrafluoroethylene ; PTFE	$\text{---}\{ \text{CF}_2\text{CF}_2 \}_n\text{---}$	
FLT-061	Tetrafluoroethylene-hexafluoropropylene copolymer ; FEP	$\text{---}\{ \text{CF}_2\text{CF}_2 \}_m\{ \text{CF}_2\text{CF}(\text{CF}_3) \}_n\text{---}$	
FLT-062	Polychlorotrifluoroethylene ; PCTFE	$\text{---}\{ \text{CF}_2\text{CFCl} \}_n\text{---}$	
FLT-063	Poly (vinyl fluoride) ; PVF	$\text{---}\{ \text{CH}_2\text{CHF} \}_n\text{---}$	
FLT-064	Poly(vinylidene fluoride) ; PVDF	$\text{---}\{ \text{CF}_2\text{CH}_2 \}_n\text{---}$	
FLT-065	Vinylidene fluoride-hexafluoropropylene rubber; HFP 23%, TEF 21%	$\text{---}\{ \text{CF}_2\text{CF}_2 \}_l\{ \text{CF}_2\text{CF}(\text{CF}_3) \}_m\{ \text{CF}_2\text{CH}_2 \}_n\text{---}$	
FLT-066	Propylene-tetrafluoroethylene rubber	$\text{---}\{ \text{CH}_2\text{CH}(\text{CH}_3) \}_m\{ \text{CF}_2\text{CF}_2 \}_n\text{---}$	
FLT-067	Poly(vinyl alcohol) ; PVA	$\text{---}\{ \text{CH}_2\text{CH}(\text{OH}) \}_n\text{---}$	
FLT-068	Poly (vinyl butylal) ; PVB	$\text{---}\{ \text{CH}_2\text{CHCH}_2\text{CH} \}_n\text{---}$ $\begin{array}{c} \text{O} \quad \text{CH} \quad \text{O} \\ \quad \quad \\ \text{C}_3\text{H}_7 \end{array}$	
FLT-069	Poly(vinyl acetate) ; PVAc	$\text{---}\{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \}_n\text{---}$	
FLT-070	Polyvinylpyrrolidone	$\left(\begin{array}{c} \text{CH}_2 - \text{CH} \\ \\ \text{N} \\ \\ \text{C=O} \end{array} \right)_n$	
FLT-071	High <i>cis</i> -butadiene rubber ; BR	$\text{---}\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \}_n\text{---}$	
FLT-072	Poly(1,2-butadiene)	$\text{---}\{ \text{CH}_2\text{CH}(\text{CH}=\text{CH}_2) \}_n\text{---}$	
FLT-073	Natural rubber ; NR	$\text{---}\{ \text{CH}_2\text{C}(\text{CH}_3)=\text{CHCH}_2 \}_n\text{---}$	
FLT-074	Chloroprene rubber ; CR	$\text{---}\{ \text{CH}_2\text{CCl}=\text{CHCH}_2 \}_n\text{---}$	
FLT-075	Hydrogenated natural rubber	$\text{---}\{ \text{CH}_2\text{CH}(\text{CH}_3)\text{CH}_2\text{CH}_2 \}_n\text{---}$	

FLT-076	Acrylonitrile-butadiene rubber ; NBR	$\text{---}\left\{\text{CH}_2\text{CH}=\text{CHCH}_2\right\}_l\left\{\text{CH}_2\text{CH}(\text{CH}=\text{CH}_2)\right\}_m\left\{\text{CH}_2\text{CH}(\text{CN})\right\}_n\text{---}$	
FLT-077	Hydrogenated acrylonitrile-butadiene rubber	$\text{---}\left\{\text{CH}_2\text{CH}=\text{CHCH}_2\right\}_l\left\{\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2\right\}_m\left\{\text{CH}_2\text{CH}(\text{C}_2\text{H}_5)\right\}_n\left\{\text{CH}_2\text{CH}(\text{CN})\right\}_o\text{---}$	
FLT-078	Polynorbornene	$\text{---}\left\{\begin{array}{c} \text{CHCH}_2\text{CHCH}=\text{CH} \\ \text{CH}_2\text{CH}_2 \end{array}\right\}_n\text{---}$	
FLT-079	Styrene-butadiene rubber ; SBR	$\text{---}\left\{\text{CH}_2\text{CH}=\text{CHCH}_2\right\}_m\left\{\text{CH}_2\text{CH}(\text{C}_6\text{H}_5)\right\}_n\text{---}$	
FLT-080	Styrene-butadiene-styrene-block copolymer ; SBS(TPS)	$\text{---}\left\{\text{CH}_2\text{CH}(\text{C}_6\text{H}_5)\right\}_m\left\{\text{CH}_2\text{CH}=\text{CHCH}_2\right\}_n\left\{\text{CH}_2\text{CH}(\text{C}_6\text{H}_5)\right\}_o\text{---}$	
FLT-081	Styrene-ethylene-butadiene-styrene-block copolymer	$\text{---}\left\{\text{CH}_2\text{CH}(\text{C}_6\text{H}_5)\right\}_l\left\{\text{CH}_2\text{CH}_2\right\}_m\left\{\text{CH}_2\text{CH}=\text{CHCH}_2\right\}_n\left\{\text{CH}_2\text{CH}(\text{C}_6\text{H}_5)\right\}_o\text{---}$	
FLT-082	Polycaproamide ; nylon-6	$\text{---}\left\{\text{NH}(\text{CH}_2)_5\text{CO}\right\}_n\text{---}$	
FLT-083	Polyundecanoamide ; nylon-11	$\text{---}\left\{(\text{CH}_2)_{10}\text{CONH}\right\}_n\text{---}$	
FLT-084	Polylauroamide ; nylon-12	$\text{---}\left\{(\text{CH}_2)_{11}\text{CONH}\right\}_n\text{---}$	
FLT-085	Nylon 4.6	$\text{---}\left\{\text{NH}(\text{CH}_2)_4\text{NHCO}(\text{CH}_2)_4\text{CO}\right\}_n\text{---}$	
FLT-086	Polyhexamethylenedipamide ; nylon-6.6	$\text{---}\left\{\text{NH}(\text{CH}_2)_6\text{NHCO}(\text{CH}_2)_4\text{CO}\right\}_n\text{---}$	
FLT-087	Polyhexamethyleneadipamide ; nylon-6.10	$\text{---}\left\{\text{NH}(\text{CH}_2)_6\text{NHCO}(\text{CH}_2)_8\text{CO}\right\}_n\text{---}$	
FLT-088	Polydodecamethylenedipamide ; nylon-12.6	$\text{---}\left\{\text{NH}(\text{CH}_2)_{12}\text{NHCO}(\text{CH}_2)_4\text{CO}\right\}_n\text{---}$	
FLT-089	Caproamide-hexamethylenedipamide copolymer; Nylon-6/66	$\text{---}\left\{\text{NH}(\text{CH}_2)_5\text{CO}\right\}_m\left\{\text{NH}(\text{CH}_2)_6\text{NHCO}(\text{CH}_2)_4\text{CO}\right\}_n\text{---}$	
FLT-090	Poly(<i>m</i> -xylene adipamide) ; nylon-MXD6	$\text{---}\left\{\text{NHCH}_2\text{---}\langle\text{C}_6\text{H}_4\rangle\text{---CH}_2\text{NHCO}(\text{CH}_2)_4\text{CO}\right\}_n\text{---}$	
FLT-091	Polyoxymethylene ; POM	$\text{---}\left\{\text{CH}_2\text{O}\right\}_n\text{---}$	
FLT-092	Polyoxymethylene(copolymer)	$\text{---}\left\{\text{CH}_2\text{CH}_2\text{O}\right\}_m\left\{\text{CH}_2\text{O}\right\}_n\text{---}$	
FLT-093	Poly(ethylene oxide)	$\text{---}\left\{\text{CH}_2\text{CH}_2\text{O}\right\}_n\text{---}$	
FLT-094	Epichlorohydrin rubber ; CHR	$\text{---}\left\{\text{CH}_2\text{CH}(\text{CH}_2\text{Cl})\text{O}\right\}_n\text{---}$	
FLT-095	Epichlorohydrin-ethylene oxide rubber ; CHC	$\text{---}\left\{\text{CH}_2\text{CH}(\text{CH}_2\text{Cl})\text{O}\right\}_m\left\{\text{CH}_2\text{CH}_2\text{O}\right\}_n\text{---}$	
FLT-096	Phenol formaldehyde resin (Novolak) ; PF	$\text{---}\left\{\begin{array}{c} \text{OH} \\ \\ \text{C}_6\text{H}_4 \\ \\ \text{CH}_2 \end{array}\right\}_n\text{---}$	
FLT-097	Phenol formaldehyde resin (Resol) ; PF	$\text{---}\left\{\begin{array}{c} \text{OH} \\ \\ \text{C}_6\text{H}_4 \\ \\ \text{CH}_2 \end{array}\right\}_n\text{---}$	
FLT-098	Cresol formaldehyde resin (Novolak)	$\text{---}\left\{\begin{array}{c} \text{CH}_3 \\ \\ \text{C}_6\text{H}_3 \\ \\ \text{OH} \\ \\ \text{CH}_2 \end{array}\right\}_n\text{---}$	

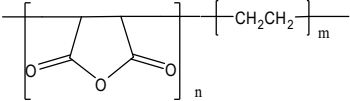
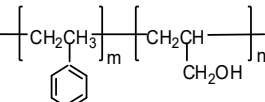
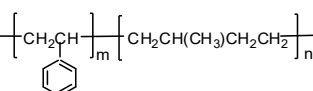
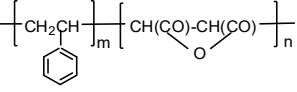
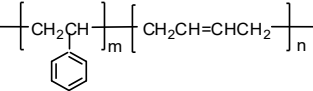
FLT-099	Diallyl phthalate resin ; DAP		
FLT-100	Polyethyleneglycol bisallylcarbonate ; CR-39		
FLT-101	Urea formaldehyde resin ; UF		
FLT-102	Melamine formaldehyde resin ; MF		
FLT-103	Xylene resin		
FLT-104	Unsaturated polyester ; UP		
FLT-105	Epoxy resin ; EP		
FLT-106	Brominatedepoxy resin		
FLT-107	Bismaleimide triazine resin ; BT resin		
FLT-108	Polyetherimide ; PEI		
FLT-109	Polypyromellitimide ; PI		
FLT-110	Polyaminobismaleimide ; PABM		
FLT-111	Polyamideimide ; PAI		
FLT-112	Poly-p-phenylene terephthalamide		
FLT-113	Poly-m-phenylene isophthalamide		
FLT-114	Poly(p-phenylene/3,4-diphenylene ether terephthalamide)		
FLT-115	Poly(ethylene terephthalate) ; PET		
FLT-116	Poly(butylene terephthalate) ; PBT		

FLT-117	Poly(ethylene naphthalate) ; PEN		
FLT-118	Poly(p-hydroxybenzoic acid) ; POB		
FLT-119	Poly(p-hydroxybenzoic acid) ; POB		
FLT-120	Polyarylate ; PAR		
FLT-121	Poly-1,4-cyclohexanedimethyleneterephthalate		
FLT-122	Poly(lactic acid)		
FLT-123	Polycaprolactone		
FLT-124	Poly (butylenes adipate / succinate)		
FLT-125	Polyhydroxybutyrate		
FLT-126	Poly(butylenes succinate/carbonate) ; PEC		
FLT-127	Polycarbonate(melt method) ; MM-PC		
FLT-128	Polycarbonate (solvent method) ; SM-PC		
FLT-129	Bisphenol Z polycarbonate		
FLT-130	Polycarbonate (thermally stabilized)		
FLT-131	Brominated Polycarbonate		
FLT-132	Polysulfone ; PSF		
FLT-133	Poly(phenylene oxide) ; PPO		

FLT-134	Modified poly(phenylene oxide) ; modified PPO	$\left[\text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right]_m + \left[\text{C}_6\text{H}_2(\text{CH}_3)_2\text{O} \right]_n$	
FLT-135	Polyethersulfone ; PESF	$\left[\text{C}_6\text{H}_4\text{SO}_2\text{C}_6\text{H}_4\text{O} \right]_n$	
FLT-136	Poly(ether ether ketone) ; PEEK	$\left[\text{C}_6\text{H}_4\text{OC}_6\text{H}_4\text{OC}_6\text{H}_4\text{CO} \right]_n$	
FLT-137	Poly(phenylene sulfide) ; PPS	$\left[\text{C}_6\text{H}_4\text{S} \right]_n$	
FLT-138	Polyarylethernitrile	$\left[\text{C}_6\text{H}_3(\text{CN})\text{OC}_6\text{H}_4\text{O} \right]_n$	
FLT-139	Polydimethylsiloxane ; PDMS	$\left[\text{Si}(\text{CH}_3)_2\text{O} \right]_n$	
FLT-140	Poly(methylphenylsiloxane) ; PMPS	$\left[\text{Si}(\text{CH}_3)(\text{C}_6\text{H}_5)\text{O} \right]_n$	
FLT-141	Dimethylsiloxane- methylphenylsiloxane copolymer	$\left[\text{Si}(\text{CH}_3)_2\text{O} \right]_m \left[\text{Si}(\text{CH}_3)(\text{C}_6\text{H}_5)\text{O} \right]_n$	
FLT-142	Polymethylsilsesquioxane	$\left[\text{Si}_2\text{O}_3 \right]_n \quad \text{R}=\text{CH}_3$	
FLT-143	Polymethyl-phenylsilsesquioxane	$\left[\text{Si}_2\text{O}_3 \right]_n \quad \begin{array}{l} \text{R} = \text{CH}_3 \text{ (20\%)} \\ \text{C}_6\text{H}_5 \text{ (80\%)} \end{array}$	
FLT-144	TDI-polyester polyurethane ; PU (TDI)	$\left[\text{CONHC}_6\text{H}_3(\text{CH}_3)\text{NHCO}(\text{O}(\text{CH}_2)_4\text{OCO}(\text{CH}_2)_4\text{CO})_m \text{O}(\text{CH}_2)_4\text{O} \right]_n$	
FLT-145	TDI-polyether polyurethane ; PU	$\left[\text{CONHC}_6\text{H}_3(\text{CH}_3)\text{NHCO}(\text{O}(\text{CH}_2)_4\text{O})_m \right]_n$	
FLT-146	MDI-polylactone polyurethane ; PU	$\left[\text{CONHC}_6\text{H}_4\text{CH}_2\text{C}_6\text{H}_4\text{NHCO}(\text{O}(\text{CH}_2)_5\text{CO})_m \text{O}(\text{CH}_2)_4\text{O} \right]_n$	
FLT-147	Urethane rubber ; U	$\left[\text{CONHC}_6\text{H}_4\text{CH}_2\text{C}_6\text{H}_4\text{NHCO}(\text{O}(\text{CH}_2)_2\text{OCO}(\text{CH}_2)_4\text{CO})_m \text{O}(\text{CH}_2)_2\text{O} \right]_n$	
FLT-148	Cellulose	$\left[\text{C}_6\text{H}_7\text{O}_2\text{O} \right]_n$	
FLT-149	Methyl cellulose	$\left[\text{C}_6\text{H}_7\text{O}_2\text{O} \right]_n$	

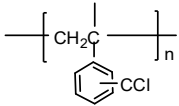
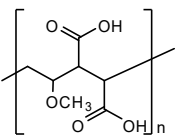
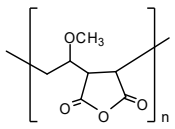
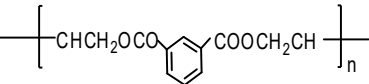
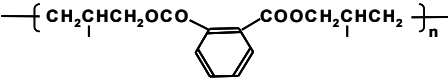
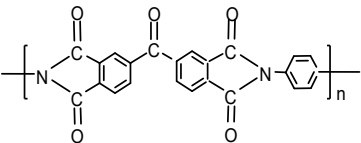
FLT-150	Ethyl cellulose		
FLT-151	Cellulose acetate ; CA		
FLT-152	Cellulose acetate propionate (DBP: Additives)	 $R = \text{COCH}_3 \text{ or } \text{COC}_2\text{H}_5$	
FLT-153	Cellulose acetate butyrate ; CAB	 $R = \text{COCH}_3 \text{ or } \text{COC}_3\text{H}_7$	
FLT-154	Hydroxyethyl cellulose		
FLT-155	Carboxymethyl cellulose	 $R = \text{H or } \text{CH}_2\text{COONa}$	
FLT-156	Glue		
FLT-157	Shellac		
FLT-158	Chitin	 $m : n = 70 : 30$	
FLT-159	Chitosan	 $m : n = 10 : 90$	
FLT-160	Ivory		
FLT-161	Synthetic Lignin		
FLT-162	Wood Powder		
FLT-163	Gluten		
FLT-164	Polysulfide rubber ; T		
FLT-165	Novon		

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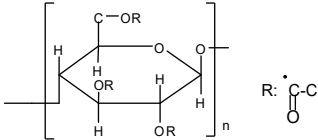
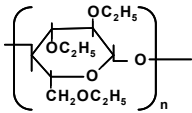
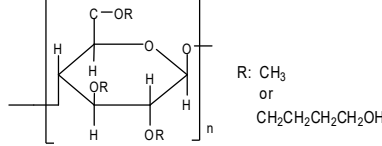
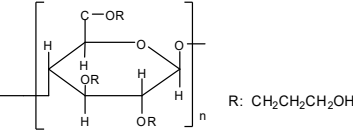
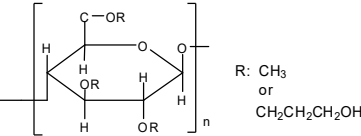
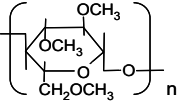
Entry ID	Name	Structure Formula	Newly Added in Ver.3.8
FLG-001	Polyethylene (high density) ; PE(HDPE)	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}$	
FLG-002	Ethylene-acrylic acid copolymer, 20% acrylic acid ; P(E-AA)	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}\{ \text{CH}_2\text{CH}(\text{COOH}) \}_m\text{---}$	
FLG-003	Ethylene-maleic anhydride copolymer		
FLG-004	Ethylene-propylene copolymer, 60% ethylene ; P(E-P)	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_m\text{---}\{ \text{CH}_2\text{CH}(\text{CH}_3) \}_n\text{---}$	
FLG-005	Ethylene-vinyl acetate copolymer, 14% vinyl acetate ; EVA	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}\{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \}_m\text{---}$	
FLG-006	Ethylene-vinyl acetate copolymer, 18% vinyl acetate ; EVA	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}\{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \}_m\text{---}$	
FLG-007	Ethylene-vinyl acetate copolymer, 25% vinyl acetate ; EVA	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}\{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \}_m\text{---}$	
FLG-008	Ethylene-vinyl acetate copolymer, 28% vinyl acetate ; EVA	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}\{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \}_m\text{---}$	
FLG-009	Ethylene-vinyl acetate copolymer, 33% vinyl acetate ; EVA	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}\{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \}_m\text{---}$	
FLG-010	Ethylene-vinyl acetate copolymer, 40% vinyl acetate ; EVA	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}\{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \}_m\text{---}$	
FLG-011	Polyethylene, oxidized ; Acid number 15mg/KOH/g	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}$	
FLG-051	Polypropylene(isotactic) ; <i>iso</i> -PP	$\text{---}\{ \text{CH}_2\text{CH}(\text{CH}_3) \}_n\text{---}$	
FLG-052	Polypropylene, chlorinated	$\text{---}\{ \text{CH}_2\text{CHR} \}_n\text{---}$ R: H or Cl	
FLG-053	Polybutene-1 (isotactic)	$\text{---}\{ \text{CH}_2\text{CH}(\text{CH}_2\text{CH}_3) \}_n\text{---}$	
FLG-054	Poly(4-methyl-1-pentene) ; PMP	$\text{---}\{ \text{CH}_2\text{CH}(\text{CH}_2\text{CH}(\text{CH}_3)\text{CH}_3) \}_n\text{---}$	
FLG-101	Polystyrene ; PS	$\text{---}\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \}_n\text{---}$	
FLG-102	Styrene-allyl alcohol copolymer 5.4-6.0% hydroxyl		
FLG-103	Styrene-isoprene copolymer ABA block, 14% styrene		
FLG-104	Styrene-maleic anhydride copolymer 50/50 copolymer ; P(S-Mah)		
FLG-105	Styrene-butadiene copolymer ABA block, 30% styrene		

FLG-106	Styrene-butadiene copolymer ABA block, 85% styrene	$\left[\text{CH}_2\text{CH} \left(\text{C}_6\text{H}_5 \right) \right]_m \left[\text{CH}_2\text{CH}=\text{CHCH}_2 \right]_n$	
FLG-107	Acrylonitrile styrene copolymer, 20% acrylonitrile ; AS	$\left[\text{CH}_2\text{CH}(\text{CN}) \right]_m \left[\text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right]_n$	
FLG-108	Acrylonitrile styrene copolymer, 25% acrylonitrile ; AS	$\left[\text{CH}_2\text{CH}(\text{CN}) \right]_m \left[\text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right]_n$	
FLG-109	Acrylonitrile styrene copolymer, 32% acrylonitrile ; AS	$\left[\text{CH}_2\text{CH}(\text{CN}) \right]_m \left[\text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right]_n$	
FLG-110	Acrylonitrile-butadiene-styrene copolymer ; ABS	$\left[\text{CH}_2\text{CH}=\text{CHCH}_2 \right]_x \left[\left[\text{CH}_2\text{CH}(\text{CN}) \right]_m \left[\text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right]_n \right]_y$	
FLG-151	Poly(methylstyrene) ; PMS	$\left[\text{CH}_2\text{C}(\text{CH}_3)(\text{C}_6\text{H}_5) \right]_n$	
FLG-201	Polyacrylamide ; PAAm	$\left[\text{CH}_2\text{CH}(\text{CONH}_2) \right]_n$	
FLG-202	Polyacrylamide, carboxyl modified Low carboxyl content	$\left[\text{CH}_2\text{CH}(\text{COOH}) \right]_m \left[\text{CH}_2\text{CH}(\text{CONH}_2) \right]_n$	
FLG-203	Polyacrylamide, carboxyl modified High carboxyl content	$\left[\text{CH}_2\text{CH}(\text{COOH}) \right]_m \left[\text{CH}_2\text{CH}(\text{CONH}_2) \right]_n$	
FLG-204	Poly(acrylic acid) ; PAA	$\left[\text{CH}_2\text{CH}(\text{COOH}) \right]_n$	
FLG-205	Poly(<i>n</i> -butyl methacrylate) ; PBMA	$\left[\text{CH}_2\text{C}(\text{CH}_3)(\text{COOC}_4\text{H}_9) \right]_n$	
FLG-206	Poly(ethyl methacrylate)	$\left[\text{CH}_2\text{C}(\text{CH}_3)(\text{COOC}_2\text{H}_5) \right]_n$	
FLG-207	Poly(isobutyl methacrylate)	$\left[\text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_2\text{CH}(\text{CH}_3)_2) \right]_n$	
FLG-208	Poly(methyl methacrylate) ; PMMA	$\left[\text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_3) \right]_n$	
FLG-209	Poly(benzyl methacrylate)	$\left[\text{CH}_2\text{C} \left(\text{COOCH}_2\text{C}_6\text{H}_5 \right) \right]_n$	
FLG-210	Poly <i>sec</i> -butyl methacrylate	$\left[\text{CH}_2\text{C} \left(\text{COOCH}(\text{CH}_3)\text{CH}_2\text{CH}_3 \right) \right]_n$	
FLG-211	Butyl methacrylate-isobutyl methacrylate copolymer	$\left[\text{CH}_2\text{CH}(\text{CH}_3)\text{COO}(\text{CH}_2)_4 \right]_n \left[\text{CH}_2\text{CH}(\text{CH}_3)\text{COOCH}_2\text{CH}_2(\text{CH}_3)\text{CH}_2 \right]_m$	
FLG-251	Poly(vinyl chloride) ; PVC	$\left[\text{CH}_2\text{CHCl} \right]_n$	
FLG-252	Poly(vinyl chloride), carboxylated, 1.8% carboxyl	$\left[\text{CH}_2\text{CHR} \right]_n \quad \text{R: Cl or COOH}$	
FLG-253	Polyethylene, chlorosulfonated ; CSM	$\left[\text{CH}_2\text{CHCl} \right]_l \left[\text{CH}(\text{SO}_2\text{Cl}) \right]_m \left[\text{CHCl} \right]_n$	
FLG-254	Vinylidene chloride-vinyl chloride copolymer, 5% vinylidene chloride ; P(VC-VdC)	$\left[\text{CH}_2\text{CHCl} \right]_m \left[\text{CH}_2\text{CCl}_2 \right]_n$	
FLG-255	Vinylidene chloride-acrylonitrile copolymer, 20% acrylonitrile	$\left[\text{CCl}_2\text{CH}_3 \right]_m \left[\text{CH}_2\text{CH}(\text{CN}) \right]_n$	
FLG-256	Vinyl chloride-vinyl acetate copolymer, carboxylated 83% vinyl chloride, 13% vinyl acetate, 1% carboxyl	$\left[\text{CH}_2\text{CHCl} \right]_m \left[\text{CH}_2\text{CH}(\text{OCOCH}_3) \right]_n$	

FLG-257	Vinyl chloride-vinyl acetate-vinyl alcohol terpolymer, 80% vinyl chloride, 5% vinyl acetate	$\left[\text{CH}_2\text{CHCl} \right]_l \left[\text{CH}_2\text{CH}(\text{OCOCH}_3) \right]_m \left[\text{CH}_2\text{CH}(\text{OH}) \right]_n$	
FLG-258	Vinyl chloride-vinyl acetate-vinyl alcohol terpolymer, 91% vinyl chloride, 6% vinyl acetate	$\left[\text{CH}_2\text{CHCl} \right]_l \left[\text{CH}_2\text{CH}(\text{OCOCH}_3) \right]_m \left[\text{CH}_2\text{CH}(\text{OH}) \right]_n$	
FLG-260	Polyethylene, chlorinated, 36% chlorine	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_m \left[\text{CH}_2\text{CHCl} \right]_n \text{---}$	
FLG-261	Polyethylene, chlorinated, 42% chlorine	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_m \left[\text{CH}_2\text{CHCl} \right]_n \text{---}$	
FLG-262	Polyethylene, chlorinated, 48% chlorine	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_m \left[\text{CH}_2\text{CHCl} \right]_n \text{---}$	
FLG-263	Vinyl chloride-vinyl acetate copolymer, 2% vinyl acetate ; P(VC-VAc)	$\text{---} \left[\text{CH}_2\text{CHCl} \right]_m \left[\text{CH}_2\text{CH}(\text{OCOCH}_3) \right]_n \text{---}$	
FLG-264	Vinyl chloride-vinyl acetate copolymer, 10% vinyl acetate ; P(VC-VAc)	$\text{---} \left[\text{CH}_2\text{CHCl} \right]_m \left[\text{CH}_2\text{CH}(\text{OCOCH}_3) \right]_n \text{---}$	
FLG-265	Vinyl chloride-vinyl acetate copolymer, 12% vinyl acetate ; P(VC-VAc)	$\text{---} \left[\text{CH}_2\text{CHCl} \right]_m \left[\text{CH}_2\text{CH}(\text{OCOCH}_3) \right]_n \text{---}$	
FLG-266	Vinyl chloride-vinyl acetate copolymer, 17% vinyl acetate ; P(VC-VAc)	$\text{---} \left[\text{CH}_2\text{CHCl} \right]_m \left[\text{CH}_2\text{CH}(\text{OCOCH}_3) \right]_n \text{---}$	
FLG-301	Poly(vinyl fluoride) ; PVF	$\text{---} \left[\text{CH}_2\text{CHF} \right]_n \text{---}$	
FLG-302	Polytetrafluoroethylene ; PTFE	$\text{---} \left[\text{CF}_2\text{CF}_2 \right]_n \text{---}$	
FLG-303	Poly(vinylidene fluoride) ; PVDF	$\text{---} \left[\text{CF}_2\text{CH}_2 \right]_n \text{---}$	
FLG-351	Poly(vinyl acetate) ; PVAc	$\text{---} \left[\text{CH}_2\text{CH}(\text{OCOCH}_3) \right]_n \text{---}$	
FLG-352	Poly(vinyl butyral) ; PVB	$\text{---} \left[\begin{array}{c} \text{CH}_2\text{CHCH}_2\text{CH} \\ \quad \\ \text{O} \quad \text{O} \\ \quad \\ \text{C}_3\text{H}_7 \end{array} \right]_n \text{---}$	
FLG-353	Poly(vinyl formal)	$\left[\text{CH}_2 \text{---} \begin{array}{c} \diagup \quad \diagdown \\ \text{O} \quad \text{O} \end{array} \right]_n$	
FLG-354	Polyvinylpyrrolidone ; PVP	$\left[\begin{array}{c} \text{CH}_2 \text{---} \text{CH} \\ \\ \text{N} \\ \\ \text{C=O} \end{array} \right]_n$	
FLG-355	Poly(vinyl stearate)	$\left[\text{CH}_2\text{CH} \begin{array}{c} \\ \text{O} \text{---} \text{C} \text{---} (\text{CH}_2)_{16}\text{CH}_3 \\ \\ \text{O} \end{array} \right]_n$	
FLG-356	Vinyl alcohol-vinyl butyral copolymer, 80% vinyl butyral	$\left[\text{CH}_2\text{CH}(\text{OH}) \right]_m \left[\text{CH}_2 \text{---} \begin{array}{c} \diagup \quad \diagdown \\ \text{O} \quad \text{O} \\ \quad \\ (\text{CH}_2)_2\text{CH}_3 \end{array} \right]_n$	
FLG-357	N-vinyl pyrrolidone-vinylacetate copolymer, 60/40 copolymer	$\left[\begin{array}{c} \text{CH}_2\text{CH} \\ \\ \text{N} \\ \\ \text{C=O} \end{array} \right]_m \left[\text{CH}_2\text{CH}(\text{OCOCH}_3) \right]_n$	

FLG-358	Poly vinyl benzyl chloride (60/40 mixture of <i>m</i> - & <i>p</i> - isomer)		
FLG-359	Methyl vinyl ether-maleic acid 50/50 copolymer		
FLG-360	Methyl vinyl ether-maleic anhydride 50/50 copolymer		
FLG-361	Poly(vinyl alcohol), 99.7% hydrolyzed ; PVA	$\text{---} \{ \text{CH}_2\text{CH}(\text{OH}) \}_n \text{---}$	
FLG-362	Poly(vinyl alcohol), 88% hydrolyzed ; PVA	$\text{---} \{ \text{CH}_2\text{CH}(\text{OH}) \}_n \text{---}$	
FLG-401	Polyisoprene, chlorinated	$\text{---} \{ \text{CH}_2\text{C}(\text{CH}_3)=\text{CHCH}_2 \}_n \text{---}$ chlorinated	
FLG-451	Polycaproamide ; nylon-6	$\text{---} \{ \text{NH}(\text{CH}_2)_5\text{CO} \}_n \text{---}$	
FLG-452	Polyhexamethylene adipamide ; nylon-6.6	$\text{---} \{ \text{NH}(\text{CH}_2)_6\text{NHCO}(\text{CH}_2)_4\text{CO} \}_n \text{---}$	
FLG-453	Polyhexamethylene nonanediamide ; nylon-6.9	$\text{---} \{ \text{NH}(\text{CH}_2)_6\text{NHCO}(\text{CH}_2)_7\text{CO} \}_n \text{---}$	
FLG-454	Polyhexamethylene sebacamide ; nylon-6.10	$\text{---} \{ \text{NH}(\text{CH}_2)_6\text{NHCO}(\text{CH}_2)_8\text{CO} \}_n \text{---}$	
FLG-455	Polyhexamethylene dodecanediamide ; nylon-6.12	$\text{---} \{ \text{NH}(\text{CH}_2)_6\text{NHCO}(\text{CH}_2)_{10}\text{CH} \}_n \text{---}$	
FLG-456	Polytrimethyl hexamethylene terephthalamide ; nylon-6(3)/T	$\text{---} \{ \text{NH}(\text{CH}_2)_2\text{CHCH}_2\text{C}(\text{CH}_3)_2\text{CH}_2\text{NHCO} \text{---} \text{C}_6\text{H}_4 \text{---} \text{CO} \}_n \text{---}$	
FLG-457	Polyundecanoamide ; nylon-11	$\text{---} \{ (\text{CH}_2)_{10}\text{CONH} \}_n \text{---}$	
FLG-458	Polylauroamide ; nylon-12	$\text{---} \{ (\text{CH}_2)_{11}\text{CONH} \}_n \text{---}$	
FLG-501	Polyoxymethylene ; POM	$\text{---} \{ \text{CH}_2\text{CH}_2\text{O} \}_m \text{---} \{ \text{CH}_2\text{O} \}_n \text{---}$	
FLG-502	Poly(ethylene oxide)	$\text{---} \{ \text{CH}_2\text{CH}_2\text{O} \}_n \text{---}$	
FLG-551	Poly(diallyl isophthalate)		
FLG-552	Poly(diallyl phthalate) resin ; DAP		
FLG-601	Polyimide(benzophenone tetracarboxylic anhydride/phenyl diisocyanate)		

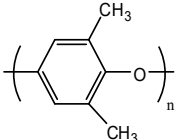
FLG-651	Poly(butylene terephthalate) ; PBT		
FLG-652	Polycaprolactone		
FLG-653	Poly(1,4-cyclohexanedimethylene terephthalate)		
FLG-654	Poly(ethylene terephthalate) ; PET		
FLG-701	Phenoxy resin		
FLG-702	Polycarbonate		
FLG-703	Poly(phenylene oxide) ; PPO		
FLG-704	Poly(4,4-dipropoxy-2,2-diphenyl propane fumarate)		
FLG-705	Polyethersulfone ; PESF		
FLG-706	Poly(phenylene sulfide) ; PPS		
FLG-707	Polysulfone ; PSF		
FLG-801	Alginic acid, sodium salt (algin)		
FLG-802	Cellulose acetate ; CA		
FLG-803	Cellulose acetate butyrate ; CAB		
FLG-804	Cellulose propionate		
FLG-805	Cellulose sulfate, sodium salt		

FLG-806	Cellulose triacetate		
FLG-807	Ethyl cellulose		
FLG-808	Hydroxybutyl methyl cellulose		
FLG-809	Hydroxypropyl cellulose		
FLG-810	Hydroxypropyl methyl cellulose		
FLG-811	Methyl cellulose ; MC		

Polymer Library

Entry ID	Name	Structure Formula	Newly Added in Ver.3.8
FLY-001	Ethylene Propylene Rubber	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}(\text{CH}_3) \right\}_n \text{---}$	
FLY-002	Ethylene Propylene-diene terpolymer	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_l \left\{ \text{CH}_2\text{CH}(\text{CH}_3) \right\}_m \left\{ \text{X} \right\}_n \text{---}$ X = diene	
FLY-006	Low Density Polyethylene ; LDPE	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \text{---}$	
FLY-007	Linear Low Density Polyethylene ; L-LDPE	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \text{---}$	
FLY-008	Ethylene-1-octene copolymer	$\text{---} \left(\text{CH}_2 - \text{CH}_2 \right)_m \left[\text{CH}_2 - \text{CH} \left((\text{CH}_2)_5\text{CH}_3 \right) \right]_n \text{---}$	
FLY-051	Isobutylene-isoprene rubber; IIR	$\text{---} \left\{ \text{CH}_2\text{C}(\text{CH}_3)_2 \right\}_m \left\{ \text{CH}_2\text{C}(\text{CH}_3) = \text{CHCH}_2 \right\}_n \text{---}$	
FLY-053	Polypropylene (random copolymer) ; PP	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_3) \right\}_n \text{---}$	
FLY-101	High styrene rubber	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$	
FLY-102	High impact polystyrene ; HIPS	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$	
FLY-105	Acrylonitrile-Butadiene-Styrene copolymer ; ABS	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_x \left\{ \left\{ \text{CH}_2\text{CH}(\text{CN}) \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \right\}_y \text{---}$	
FLY-106	Polystyrene (PS 95% or more + additive) ; PS	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$	
FLY-201	Acrylic Rubber ; AR	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{COOC}_2\text{H}_5) \right\}_n \text{---}$	
FLY-202	Poly methyl methacrylate ; PMMA	$\text{---} \left\{ \text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_3) \right\}_n \text{---}$	
FLY-251	Chlorinated isobutylene-isoprene rubber ; CIIR	$\text{---} \left(\text{C} \begin{array}{c} \text{CH}_3 \\ \\ \text{---} \text{CH}_2 \end{array} \right)_m \left(\text{CH}_2 - \text{C} \begin{array}{c} \text{CH}_2 \\ \\ \text{CH} - \text{CH}_2 \\ \\ \text{Cl} \end{array} \right)_n \text{---}$	
FLY-252	Chlorosulfonated polyethylene ; CSM	$\text{---} \left\{ \text{CH}_2\text{CHCl} \right\}_l \left\{ \text{CH}(\text{SO}_2\text{Cl}) \right\}_m \left\{ \text{CHCl} \right\}_n \text{---}$	
FLY-304	Tetrafluoroethylene-perfluoropropylvinyl ether copolymer	$\text{---} \left(\text{CF}_2\text{CF}_2 \right)_m \left(\text{CF}_2 - \text{CF} \begin{array}{c} \\ \text{OCH}_2\text{CH}_2\text{CH}_3 \end{array} \right)_n \text{---}$	
FLY-305	Tetrafluoroethylene-ethylene copolymer	$\text{---} \left(\text{CH}_2 - \text{CH}_2 \right)_m \left(\text{CF}_2 - \text{CF}_2 \right)_n \text{---}$	
FLY-401	High <i>cis</i> -butadiene rubber ; BR	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_n \text{---}$	

FLY-402	Acrylonitrile-butadiene-copolymer (Medium High Nitrile) ; NBR	$\text{---}\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \}_1 \{ \text{CH}_2\text{CH}(\text{CH}=\text{CH}_2) \}_m \{ \text{CH}_2\text{CH}(\text{CN}) \}_n \text{---}$	
FLY-403	Hydrogenated acrylonitrile butadiene rubber (Middle High Nitrile) ; HNBR	$\text{---}\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \}_1 \{ \text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2 \}_m \{ \text{CH}_2\text{CH}(\text{C}_2\text{H}_5) \}_n \{ \text{CH}_2\text{CH}(\text{CN}) \}_o \text{---}$	
FLY-404	Styrene-butadiene copolymer ; SB	$\text{---}\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \}_m \{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \}_n \text{---}$	
FLY-405	Carboxylated acrylonitrile butadiene rubber (Terpolymer) ; NBR(XNBR)	$\left(\text{CH}_2 - \underset{\text{CN}}{\underset{ }{\text{CH}}} \right)_1 \left(\text{CH}_2 - \text{CH} = \text{CH} - \text{CH}_2 \right)_m \left(\text{CH}_2 - \underset{\text{COOH}}{\underset{ }{\overset{\text{CH}_3}{\text{C}}}} \right)_n$	
FLY-406	Styrene-butadiene copolymer ; SB	$\text{---}\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \}_m \{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \}_n \text{---}$	
FLY-407	Styrene-butadiene solution polymer ; SB	$\text{---}\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \}_m \{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \}_n \text{---}$	
FLY-408	High nitrile Acrylonitrile Butadiene copolymer ; NBR	$\text{---}\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \}_1 \{ \text{CH}_2\text{CH}(\text{CH}=\text{CH}_2) \}_m \{ \text{CH}_2\text{CH}(\text{CN}) \}_n \text{---}$	
FLY-409	Middle nitrile Acrylonitrile Butadiene copolymer ; NBR	$\text{---}\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \}_1 \{ \text{CH}_2\text{CH}(\text{CH}=\text{CH}_2) \}_m \{ \text{CH}_2\text{CH}(\text{CN}) \}_n \text{---}$	
FLY-410	Low nitrile Acrylonitrile Butadiene copolymer ; NBR	$\text{---}\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \}_1 \{ \text{CH}_2\text{CH}(\text{CH}=\text{CH}_2) \}_m \{ \text{CH}_2\text{CH}(\text{CN}) \}_n \text{---}$	
FLY-411	Acrylonitrile Butadiene Rubber ;NBR	$\text{---}\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \}_1 \{ \text{CH}_2\text{CH}(\text{CH}=\text{CH}_2) \}_m \{ \text{CH}_2\text{CH}(\text{CN}) \}_n \text{---}$	
FLY-412	Blend polymer of Acrylonitrile Butadiene rubber and Poly(vinyl chloride)	$\text{---}\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \}_1 \{ \text{CH}_2\text{CH}(\text{CH}=\text{CH}_2) \}_m \{ \text{CH}_2\text{CH}(\text{CN}) \}_n \text{---}$ $\text{---}\{ \text{CH}_2\text{CHCl} \}_n \text{---}$	
FLY-413	Acrylonitrile Butadiene Rubber ; NBR 53% AN	$\text{---}\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \}_1 \{ \text{CH}_2\text{CH}(\text{CH}=\text{CH}_2) \}_m \{ \text{CH}_2\text{CH}(\text{CN}) \}_n \text{---}$	
FLY-414	Chloroprene rubber ; CR	$\text{---}\{ \text{CH}_2\text{CCl}=\text{CHCH}_2 \}_n \text{---}$	
FLY-415	Styrene butadiene block copolymer ; SB	$\text{---}\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \}_m \{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \}_n \text{---}$	
FLY-416	Styrene butadiene block copolymer ; SB	$\text{---}\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \}_m \{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \}_n \text{---}$	
FLY-417	Styrene butadiene rubber ; SBR	$\text{---}\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \}_m \{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \}_n \text{---}$	
FLY-418	Styrene butadiene rubber ; SBR	$\text{---}\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \}_m \{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \}_n \text{---}$	
FLY-419	Hydrogenation styrene butadiene block copolymer	$\left(\text{CH}_2 - \underset{\text{C}_6\text{H}_5}{\underset{ }{\text{CH}}} \right)_1 \left(\text{CH}_2 - \underset{\text{CH}_2}{\underset{ }{\text{CH}}} \right)_m \left(\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2 \right)_n$	

FLY-451	Polyamide	$\text{---}\left\{ \text{NH}(\text{CH}_2)_6\text{NHCO}(\text{CH}_2)_4\text{CO} \right\}_n\text{---}$	
FLY-501	Epichlorohydrin rubber ; CHR	$\text{---}\left\{ \text{CH}_2\text{CH}(\text{CH}_2\text{Cl})\text{O} \right\}_n\text{---}$	
FLY-502	Polyacetal	$\text{---}\left\{ \text{CH}_2\text{O} \right\}_n\text{---}$	
FLY-551	Solid epoxy resin (The reaction of epichlorohydrin and bisphenol A)	$\text{---}\left\{ \text{CH}_2\text{CH}(\text{OH})\text{CH}_2\text{O}-\text{C}_6\text{H}_4-\text{C}(\text{CH}_3)_2-\text{C}_6\text{H}_4-\text{OCH}_2\text{CH}(\text{OH})\text{CH}_2\text{N}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{N} \right\}_n\text{---}$	
FLY-701	Polycarbonate(solution method) ; SM-PC	$\text{---}\left\{ \text{O}-\text{C}_6\text{H}_4-\text{C}(\text{CH}_3)_2-\text{C}_6\text{H}_4-\text{O}-\text{CO} \right\}_n\text{---O}-\text{C}_6\text{H}_4-\text{C}(\text{CH}_3)_3$	
FLY-702	Polyphenyleneether		

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Entry ID	Name	Structure Formula	Newly Added in Ver.3.8
FLK-001	Acrylonitrile-butadiene-styrene copolymer ; ABS [ST/AN/PBD(%)=54.5/33.0/12.5]		
FLK-002	Acrylonitrile-butadiene-styrene copolymer ; ABS [ST/AN/PBD(%)=60.0/25.5/14.5]		
FLK-003	Acrylonitrile-butadiene-styrene copolymer ; ABS [ST/AN/PBD(%)=57.5/25.0/17.5]		
FLK-004	Acrylonitrile-butadiene-styrene copolymer ; ABS [ST/AN/PBD(%)=52.0/30.0/18.0]		
FLK-005	Acrylonitrile-butadiene-styrene terpolymer ; ABS [low cis-type PBD]		
FLK-006	Acrylonitrile-butadiene-styrene terpolymer ; ABS		
FLK-007	Acrylonitrile-ethylene-styrene terpolymer ; AES [EPDM]		
FLK-008	Acrylonitrile-styrene-acrylate terpolymer ; ASA		
FLK-009	Acrylonitrile-butadiene-styrene terpolymer ; ABS [acrylate co-polymerized at AS phase]		
FLK-010	Acrylonitrile-butadiene-styrene terpolymer ; ABS [alpha-methyl styrene co-polymerized at AS phase]		
FLK-011	Acrylonitrile-butadiene-styrene-N-phenyl maleimide tetrapolymer ; ABS/PMI		
FLK-012	Acrylonitrile-butadiene-styrene-N-phenyl maleimide tetrapolymer ; ABS/PMI		
FLK-013	Styrene-N-phenylmaleimide-maleic anhydride terpolymer ; S/NPM/MAH		
FLK-014	Styrene-N-phenylmaleimide copolymer ; S/NPM		

FLK-015	ABS [41.5% Rubber/25.6% acrylonitrile (matrix AS)]	$\left[\text{CH}_2 - \underset{\text{CN}}{\text{CH}} \right]_l \left[\text{CH}_2 - \text{CH} = \text{CH} - \text{CH}_2 \right]_m \left[\text{CH}_2 - \underset{\text{C}_6\text{H}_5}{\text{CH}} \right]_n$	
FLK-016	AS [24.5%AN, relative viscosity: 0.6]	$\left[\text{CH}_2 - \underset{\text{CN}}{\text{CH}} \right]_l \left[\text{CH}_2 - \text{CH} = \text{CH} - \text{CH}_2 \right]_m \left[\text{CH}_2 - \underset{\text{C}_6\text{H}_5}{\text{CH}} \right]_n$	
FLK-017	Polybutylene succinate ; PBS	$\left[\text{CO}(\text{CH}_2)_2\text{COO}(\text{CH}_2)_4\text{O} \right]_n$	
FLK-018	Polybutylene succinate ; PBS	$\left[\text{CO}(\text{CH}_2)_2\text{COO}(\text{CH}_2)_4\text{O} \right]_n$	
FLK-019	Poly (butylene succinate / adipate) ; PBSA	$\left[\text{O} - (\text{CH}_2)_4 - \text{OCO} - (\text{CH}_2)_2 - \text{CO} \right]_m \left[\text{O} - (\text{CH}_2)_4 - \text{OCO} - (\text{CH}_2)_4 - \text{CO} \right]_n$	
FLK-020	Poly(3-hydroxy butyrate-co-3-hydroxy valerate)	$\left[\text{COCH}_2\text{CH}(\text{CH}_3)\text{O} \right]_m \left[\text{COCH}_2\text{CH}(\text{C}_2\text{H}_5)\text{O} \right]_n$	
FLK-021	Poly(3-hydroxy butyrate-co-3-hydroxy valerate)	$\left[\text{COCH}_2\text{CH}(\text{CH}_3)\text{O} \right]_m \left[\text{COCH}_2\text{CH}(\text{C}_2\text{H}_5)\text{O} \right]_n$	
FLK-022	Poly(L-lactic acid) ; PLLA	$\left[\text{COCHCH}_3\text{O} \right]_m$	
FLK-023	Polybutylene adipate terephthalate	$\left[\text{CO} - \text{C}_6\text{H}_4 - \text{COO}(\text{CH}_2)_4\text{O} \right]_m \left[\text{CO}(\text{CH}_2)_4\text{COO}(\text{CH}_2)_4\text{O} \right]_n$	
FLK-024	Low density polyethylene ; LDPE [High pressure method, 0.7MI/0.924D]	$\left[\text{CH}_2\text{CH}_2 \right]_n$	
FLK-025	Ultra high molecular weight-high density polyethylene ; UHMW-HDPE [Cr-Cat., 0.04MI/0.957D]	$\left[\text{CH}_2\text{CH}_2 \right]_n$	
FLK-026	Ultra high molecular weight-high density polyethylene ; UHMW-HDPE [Ti-Cat., 0.03MI/0.955D]	$\left[\text{CH}_2\text{CH}_2 \right]_n$	
FLK-027	High density polyethylene ; HDPE [Cr-Cat., 0.3MI/0.945D, co-polymerized with 1-hexene]	$\left[\text{CH}_2\text{CH}_2 \right]_n$	
FLK-028	High density polyethylene ; HDPE [Ti-Cat., 0.35MI/0.953D, co-polymerized with 1-butene]	$\left[\text{CH}_2\text{CH}_2 \right]_n$	
FLK-029	High density polyethylene ; HDPE [Ti-Cat., 1.0MI/0.950D, co-polymerized with propylene]	$\left[\text{CH}_2\text{CH}_2 \right]_n$	

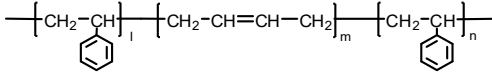
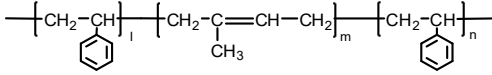
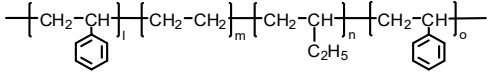
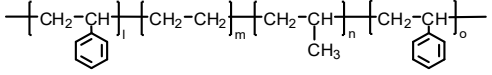
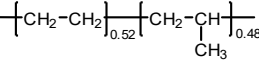
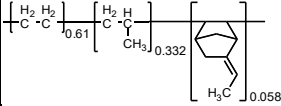
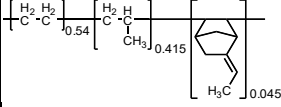
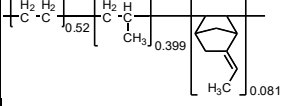
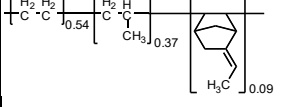
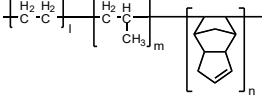
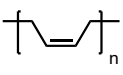
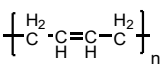
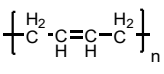
FLK-030	High density polyethylene ; HDPE [Ti-Cat., 1.0MI/0.960D, homo polymer]	$\text{---}\left\{\text{CH}_2\text{CH}_2\right\}_n\text{---}$	
FLK-031	Medium density polyethylene ; MDPE [Cr-Cat., 0.2MI/0.935D, co-polymerized with 1-hexene]	$\text{---}\left\{\text{CH}_2\text{CH}_2\right\}_n\text{---}$	
FLK-032	Medium density polyethylene ; MDPE [Cr-Cat., 0.2MI/0.940D, co-polymerized with 1-hexene]	$\text{---}\left\{\text{CH}_2\text{CH}_2\right\}_n\text{---}$	
FLK-033	Linear low density polyethylene ; L-LDPE [Ti-Cat., 2.1MI/0.920D, co-polymerized with 1-butene]	$\text{---}\left\{\text{CH}_2\text{CH}_2\right\}_n\text{---}$	
FLK-034	Linear low density polyethylene ; L-LDPE [Ti-Cat., 2.0MI/0.920D, co-polymerized with 1-hexane]	$\text{---}\left\{\text{CH}_2\text{CH}_2\right\}_n\text{---}$	
FLK-035	Linear low density polyethylene ; L-LDPE [Ti-Cat., 2.1MI/0.920D, co-polymerized with 4-methyl-1-pentene]	$\text{---}\left\{\text{CH}_2\text{CH}_2\right\}_n\text{---}$	
FLK-036	Linear low density polyethylene ; L-LDPE [Ti-Cat., 1.0MI/0.926D, co-polymerized with 1-octene]	$\text{---}\left\{\text{CH}_2\text{CH}_2\right\}_n\text{---}$	
FLK-037	Linear low density polyethylene ; L-LDPE [Metallocene-Cat., 2.2MI/0.910D, co-polymerized with 1-hexene]	$\text{---}\left\{\text{CH}_2\text{CH}_2\right\}_n\text{---}$	
FLK-038	Linear low density polyethylene ; L-LDPE [Metallocene-Cat., 2.0MI/0.916D, co-polymerized with 1-hexene]	$\text{---}\left\{\text{CH}_2\text{CH}_2\right\}_n\text{---}$	
FLK-039	Linear low density polyethylene ; L-LDPE [Metallocene-Cat., 1.0MI/0.916D, co-polymerized with 1-octene]	$\text{---}\left\{\text{CH}_2\text{CH}_2\right\}_n\text{---}$	
FLK-040	Very low density polyethylene ; V-LDPE [Metallocene-Cat., 3.5MI/0.900D, co-polymerized with 1-hexene]	$\text{---}\left\{\text{CH}_2\text{CH}_2\right\}_n\text{---}$	
FLK-041	Very low density polyethylene ; V-LDPE [Metallocene-Cat., 1.0MI/0.905D, co-polymerized with 1-octene]	$\text{---}\left\{\text{CH}_2\text{CH}_2\right\}_n\text{---}$	
FLK-042	Very low density polyethylene ; V-LDPE [Ti-Cat., 0.5MI/0.900D, co-polymerized with 1-hexene]	$\text{---}\left\{\text{CH}_2\text{CH}_2\right\}_n\text{---}$	
FLK-043	Super low density polyethylene ; SVLDPE [Metallocene-Cat., 3.5MI/0.880D, co-polymerized with 1-hexene]	$\text{---}\left\{\text{CH}_2\text{CH}_2\right\}_n\text{---}$	
FLK-044	Super low density polyethylene ; SVLDPE [Metallocene-Cat., 5.0MI/0.870D, co-polymerized with 1-octene]	$\text{---}\left\{\text{CH}_2\text{CH}_2\right\}_n\text{---}$	

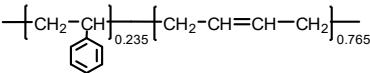
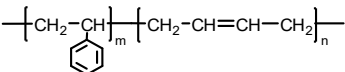
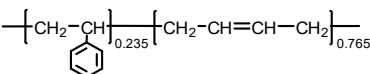
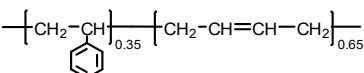
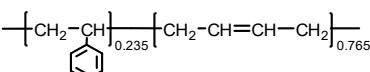
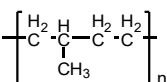
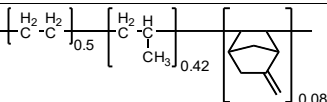
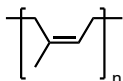
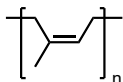
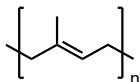
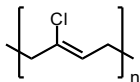
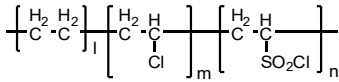
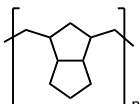
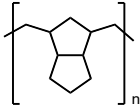
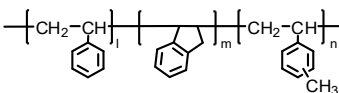
FLK-045	Poly(ethylene-vinyl silane)	$\left[\text{CH}_2\text{-CH}_2 \right]_m \left[\text{CH}_2\text{-CH} \right]_n$ Si(OR)_3 $\text{R} = \text{CH}_3 \text{ or } \text{C}_2\text{H}_5$	
FLK-046	Low molecular weight-poly(ethylene-vinyl acetate) ; LMW EVA [12-16%VAc]	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_n \text{---} \left[\text{CH}_2\text{CH(OCOCH}_3\text{)} \right]_m \text{---}$	
FLK-047	Low molecular weight-polyethylene ; LMW PE	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_n \text{---}$	
FLK-048	Low molecular weight-polyethylene, oxidized ; LMW Oxidized-PE	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_n \text{---}$	
FLK-049	Poly(ethylene-co-methyl acrylate) ; EMA [MA; 9wt%]	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_m \text{---} \left[\text{CH}_2\text{CHCOOCH}_3 \right]_n \text{---}$	
FLK-050	Poly(ethylene-co-methyl acrylate) ; EMA [MA; 29wt%]	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_m \text{---} \left[\text{CH}_2\text{CHCOOCH}_3 \right]_n \text{---}$	
FLK-051	Poly(ethylene-co-ethyl acrylate) ; EEA [EA; 18wt%]	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_m \text{---} \left[\text{CH}_2\text{CHCOOC}_2\text{H}_5 \right]_n \text{---}$	
FLK-052	Poly(ethylene-co-butyl acrylate) ; EBA [BA; 7wt%]	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_m \text{---} \left[\text{CH}_2\text{CHCOOC}_4\text{H}_9 \right]_n \text{---}$	
FLK-053	Poly(ethylene-co-vinyl acetate) ; EVA [Vac; 9wt%]	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_n \text{---} \left[\text{CH}_2\text{CH(OCOCH}_3\text{)} \right]_m \text{---}$	
FLK-054	Poly(ethylene-co-vinyl acetate) ; EVA [Vac; 14wt%]	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_n \text{---} \left[\text{CH}_2\text{CH(OCOCH}_3\text{)} \right]_m \text{---}$	
FLK-055	Poly(ethylene-co-vinyl acetate) ; EVA [Vac; 18wt%]	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_n \text{---} \left[\text{CH}_2\text{CH(OCOCH}_3\text{)} \right]_m \text{---}$	
FLK-056	Poly(ethylene-co-vinyl acetate) ; EVA [Vac; 25wt%]	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_n \text{---} \left[\text{CH}_2\text{CH(OCOCH}_3\text{)} \right]_m \text{---}$	
FLK-057	Poly(ethylene-co-vinyl acetate) ; EVA [Vac; 33wt%]	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_n \text{---} \left[\text{CH}_2\text{CH(OCOCH}_3\text{)} \right]_m \text{---}$	
FLK-058	Poly(ethylene-co-vinyl acetate) ; EVA [Vac; 40wt%]	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_n \text{---} \left[\text{CH}_2\text{CH(OCOCH}_3\text{)} \right]_m \text{---}$	
FLK-059	Poly(ethylene-co-acrylic acid) ; EAA [AA; 10wt%]	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_n \text{---} \left[\text{CH}_2\text{CH(COOH)} \right]_m \text{---}$	

FLK-060	Poly(ethylene-co-acrylic acid), zinc salt ; Zn-EAA [AA; 10wt%]	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \text{H}_2 \end{array} \text{C} \right]_m \left[\text{C} \begin{array}{c} \text{H}_2 \\ \text{H} \end{array} \text{C} \begin{array}{c} \text{O} \\ \text{OR} \end{array} \right]_n$ $\text{R} = \text{H or } 1/2 \text{ Zn}$	
FLK-061	Poly(ethylene-co-acrylic acid), sodium salt ; Na-EAA [AA; 15wt%]	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \text{H}_2 \end{array} \text{C} \right]_m \left[\text{C} \begin{array}{c} \text{H}_2 \\ \text{H} \end{array} \text{C} \begin{array}{c} \text{O} \\ \text{OR} \end{array} \right]_n$ $\text{R} = \text{H or Na}$	
FLK-062	Poly(ethylene-co-methacrylic acid) ; EMAA [MAA; 10wt%]	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_m \left[\text{CH}_2\text{C} \begin{array}{c} \text{CH}_3 \\ \text{O}=\text{C} \\ \text{OH} \end{array} \right]_n$	
FLK-063	Polyethylene-graft-maleic anhydride [maleic anhydride; 0.4wt%]	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_m \left[\text{CH}_2\text{CH} \begin{array}{c} \text{O} \quad \text{O} \\ \diagup \quad \diagdown \\ \text{O} \quad \text{O} \end{array} \right]_n$	
FLK-064	Poly(vinyl alcohol-co-ethylene) [Et; 27mol%(May contain VAc; 0.7%)]	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_m \left[\text{CH}_2\text{CH}(\text{OH}) \right]_n \text{---}$	
FLK-065	Medium density polyethylene ; MDPE [Ti-Cat., co-polymerized with 1-butene]	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_n$	
FLK-066	Medium density polyethylene ; MDPE [Ti-Cat., co-polymerized with 4-methyl-1-pentene]	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_n$	
FLK-067	Phenol formaldehyde resin ; PF	$\left(\text{C}_6\text{H}_4 \begin{array}{c} \text{OH} \\ \text{CH}_2 \end{array} \right)_n$	
FLK-068	Phenol formaldehyde resin ; PF [include 4,4'-dihydroxydiphenylmethane]	$\left(\text{C}_6\text{H}_4 \begin{array}{c} \text{OH} \\ \text{CH}_2 \end{array} \right)_n$	
FLK-069	Polypropylene ; PP [homo polymer, 5.0MI/160CTm]	$\text{---} \left[\text{CH}_2\text{CH}(\text{CH}_3) \right]_n$	
FLK-070	Polypropylene ; PP [Et(4.5%)-random copolymer, 6.0MI/140CTm]	$\text{---} \left[\text{CH}_2\text{CH}(\text{CH}_3) \right]_n$	
FLK-071	Polypropylene ; PP [Et(2.1%)/Bu(7.5%)-random terpolymer, 5.3MI/137CTm]	$\text{---} \left[\text{CH}_2\text{CH}(\text{CH}_3) \right]_n$	
FLK-072	Polypropylene ; PP [Bu(8.5%)-random copolymer, 8.0MI/152CTm]	$\text{---} \left[\text{CH}_2\text{CH}(\text{CH}_3) \right]_n$	
FLK-073	Polypropylene ; PP [Metallocene-Cat., Et-random copolymer, 7.0MI/125CTm]	$\text{---} \left[\text{CH}_2\text{CH}(\text{CH}_3) \right]_n$	
FLK-074	Polypropylene ; PP [Block copolymer (dispersion phase: 14%, EPR: small amount)]	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_m \left[\text{CH}_2\text{CH}(\text{CH}_3) \right]_n$	

FLK-075	Polypropylene ; PP [Block copolymer (dispersion phase: 25%, EPR: large amount)]	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_m \left[\text{CH}_2\text{CH}(\text{CH}_3) \right]_n \text{---}$	
FLK-076	Polypropylene ; PP [Block copolymer (dispersion phase: 15%, EPR: medium amount)]	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_m \left[\text{CH}_2\text{CH}(\text{CH}_3) \right]_n \text{---}$	
FLK-077	Polypropylene/polyethylene-octene ; PP/POE [Block compolymer (dispersion phase POE: 30%)]	$\left[\begin{array}{c} \text{H}_2 \quad \text{H} \\ \quad \\ \text{C} \quad \text{C} \\ \quad \\ \text{CH}_3 \end{array} \right]_l \left[\begin{array}{c} \text{H}_2 \quad \text{H}_2 \\ \quad \\ \text{C} \quad \text{C} \end{array} \right]_m \left[\begin{array}{c} \text{H}_2 \quad \text{H} \\ \quad \\ \text{C} \quad \text{C} \\ \quad \\ \text{C}_6\text{H}_{13} \end{array} \right]_n$	
FLK-078	Polypropylene, reactor thermoplastic polyolefin ; PP [TPO]	$\text{---} \left[\text{CH}_2\text{CH}(\text{CH}_3) \right]_n \text{---}$	
FLK-079	Polypropylene, reactor thermoplastic polyolefin ; PP [TPO]	$\text{---} \left[\text{CH}_2\text{CH}(\text{CH}_3) \right]_n \text{---}$	
FLK-080	Polypropylene, homopolymer, atactic ; PP [Homopolymer, atactic]	$\text{---} \left[\text{CH}_2\text{CH}(\text{CH}_3) \right]_n \text{---}$	
FLK-081	Polypropylene, block copolymer, atactic ; PP [Block copolymer, atactic]	$\text{---} \left[\text{CH}_2\text{CH}(\text{CH}_3) \right]_n \text{---}$	
FLK-082	General purpose polystyrene ; PS [GPPS]	$\text{---} \left[\text{CH}_2 - \underset{\text{C}_6\text{H}_5}{\text{CH}} \right]_n \text{---}$	
FLK-083	High impact polystyrene ; HIPS	$\text{---} \left[\text{CH}_2 - \underset{\text{C}_6\text{H}_5}{\text{CH}} \right]_n \text{---}$	
FLK-084	Vinyl chloride-ethylene copolymer ; VC/E	$\left[\begin{array}{c} \text{H}_2 \quad \text{H} \\ \quad \\ \text{C} \quad \text{C} \\ \quad \\ \text{Cl} \end{array} \right]_m \left[\begin{array}{c} \text{H}_2 \quad \text{H}_2 \\ \quad \\ \text{C} \quad \text{C} \end{array} \right]_n$	
FLK-085	Vinyl chloride-vinyl acetate copolymer ; VC/A	$\left[\begin{array}{c} \text{H}_2 \quad \text{H} \\ \quad \\ \text{C} \quad \text{C} \\ \quad \\ \text{Cl} \end{array} \right]_m \left[\begin{array}{c} \text{H}_2 \quad \text{H} \\ \quad \\ \text{C} \quad \text{C} \\ \quad \\ \text{O} \\ \\ \text{CH}_3 \end{array} \right]_n$	
FLK-086	Polyvinylidene difluoride ; PVDF [Homo polymer, wide-MW distribution]	$\left[\begin{array}{c} \text{H}_2 \quad \text{F}_2 \\ \quad \\ \text{C} \quad \text{C} \end{array} \right]_n$	
FLK-087	Polyvinylidene difluoride ; PVDF [Homo polymer, narrow-MW distribution]	$\left[\begin{array}{c} \text{H}_2 \quad \text{F}_2 \\ \quad \\ \text{C} \quad \text{C} \end{array} \right]_n$	
FLK-088	Vinylidene difluoride-hexafluoropropylene copolymer ; P(VDF-HFP)	$\left[\begin{array}{c} \text{H}_2 \quad \text{F}_2 \\ \quad \\ \text{C} \quad \text{C} \end{array} \right]_m \left[\begin{array}{c} \text{F}_2 \quad \text{F} \\ \quad \\ \text{C} \quad \text{C} \\ \quad \\ \text{CF}_3 \end{array} \right]_n$	
FLK-089	Vinylidene difluoride-tetrafluoroethylene copolymer ; P(VDF-TFE)	$\left[\begin{array}{c} \text{H}_2 \quad \text{F}_2 \\ \quad \\ \text{C} \quad \text{C} \end{array} \right]_m \left[\begin{array}{c} \text{F}_2 \quad \text{F}_2 \\ \quad \\ \text{C} \quad \text{C} \end{array} \right]_n$	

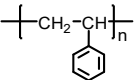
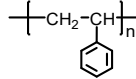
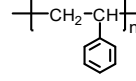
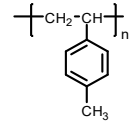
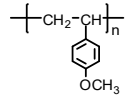
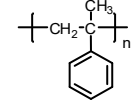
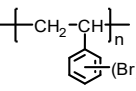
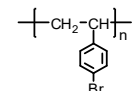
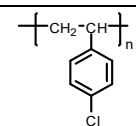
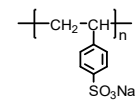
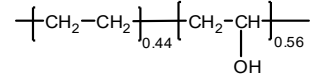
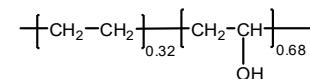
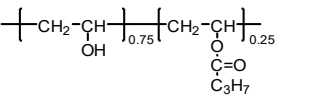
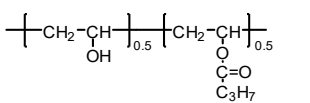
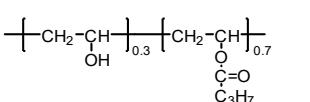
FLK-090	Vinylidene difluoride-tetrafluoroethylene-hexafluoropropene terpolymer ; P(VDF-TFE-HFP)	$\left[\begin{array}{c} \text{H}_2 \quad \text{F}_2 \\ \quad \\ \text{---C---C---} \end{array} \right]_l \left[\begin{array}{c} \text{F}_2 \quad \text{F}_2 \\ \quad \\ \text{---C---C---} \end{array} \right]_m \left[\begin{array}{c} \text{F}_2 \quad \text{F} \\ \quad \\ \text{---C---C---} \\ \\ \text{CF}_3 \end{array} \right]_n$	
FLK-091	Polyvinilidene difluoride ; PVDF	$\left[\begin{array}{c} \text{H}_2 \quad \text{F}_2 \\ \quad \\ \text{---C---C---} \end{array} \right]_n$	
FLK-092	Vinylidene difluoride-hexafluoropropene copolymer ; P(VDF-HFP)	$\left[\begin{array}{c} \text{H}_2 \quad \text{F}_2 \\ \quad \\ \text{---C---C---} \end{array} \right]_m \left[\begin{array}{c} \text{F}_2 \quad \text{F} \\ \quad \\ \text{---C---C---} \\ \\ \text{CF}_3 \end{array} \right]_n$	
FLK-093	Polytetrafluoroethylene ; PTFE	$\left[\begin{array}{c} \text{F}_2 \quad \text{F}_2 \\ \quad \\ \text{---C---C---} \end{array} \right]_n$	
FLK-094	Ethylene-tetrafluoroethylene copolymer ; ETFE	$\left[\begin{array}{c} \text{H}_2 \quad \text{H}_2 \\ \quad \\ \text{---C---C---} \end{array} \right]_m \left[\begin{array}{c} \text{F}_2 \quad \text{F}_2 \\ \quad \\ \text{---C---C---} \end{array} \right]_n$	
FLK-095	Perfluoroalkoxy alkane ; PFA	$\left[\begin{array}{c} \text{F}_2 \quad \text{F}_2 \\ \quad \\ \text{---C---C---} \end{array} \right]_m \left[\begin{array}{c} \text{F}_2 \quad \text{F} \\ \quad \\ \text{---C---C---} \\ \\ \text{O} \\ \\ \text{C}_n\text{F}_{2n+1} \end{array} \right]_n$	
FLK-096	Tetrafluoroethylene-propylene copolymer ; P(TFE/P) [unvulcanized]	$\left[\begin{array}{c} \text{F}_2 \quad \text{F}_2 \\ \quad \\ \text{---C---C---} \end{array} \right]_m \left[\begin{array}{c} \text{H}_2 \quad \text{H} \\ \quad \\ \text{---C---C---} \\ \\ \text{CH}_3 \end{array} \right]_n$	
FLK-097	Tetrafluoroethylene-propylene copolymer ; P(TFE/P)	$\left[\begin{array}{c} \text{F}_2 \quad \text{F}_2 \\ \quad \\ \text{---C---C---} \end{array} \right]_m \left[\begin{array}{c} \text{H}_2 \quad \text{H} \\ \quad \\ \text{---C---C---} \\ \\ \text{CH}_3 \end{array} \right]_n$	
FLK-098	Tetrafluoroethylene-propylene-vinylidene difluoride terpolymer ; P(TFE/P/VDF) [unvulcanized]	$\left[\begin{array}{c} \text{F}_2 \quad \text{F}_2 \\ \quad \\ \text{---C---C---} \end{array} \right]_l \left[\begin{array}{c} \text{H}_2 \quad \text{H} \\ \quad \\ \text{---C---C---} \\ \\ \text{CH}_3 \end{array} \right]_m \left[\begin{array}{c} \text{H}_2 \quad \text{F}_2 \\ \quad \\ \text{---C---C---} \end{array} \right]_n$	
FLK-099	Polypropylene-polyethylene block copolymer ; PP-b-PE	$\left[\begin{array}{c} \text{H}_2 \quad \text{H} \\ \quad \\ \text{---C---C---} \\ \\ \text{CH}_3 \end{array} \right]_m \left[\begin{array}{c} \text{H}_2 \quad \text{H}_2 \\ \quad \\ \text{---C---C---} \end{array} \right]_n$	
FLK-100	Polypropylene-polyethylene block copolymer ; PP-b-PE	$\left[\begin{array}{c} \text{H}_2 \quad \text{H} \\ \quad \\ \text{---C---C---} \\ \\ \text{CH}_3 \end{array} \right]_m \left[\begin{array}{c} \text{H}_2 \quad \text{H}_2 \\ \quad \\ \text{---C---C---} \end{array} \right]_n$	
FLK-101	Thermoplastic olefin ; TPO		
FLK-102	Thermoplastic olefin ; TPO		
FLK-103	Thermoplastic polyester elastomer ; TPEE		
FLK-104	Hydrogenated styrene-butadiene rubber ; HSBR [St; 10wt%]	$\left[\text{CH}_2\text{---CH}_2\text{---CH}_2\text{---CH}_2 \right]_m \left[\begin{array}{c} \text{CH}_2\text{---CH} \\ \\ \text{C}_6\text{H}_5 \end{array} \right]_n$	

FLK-105	Styrene-butadiene-styrene block copolymer ; SBS [St; 29.5wt%]		
FLK-106	Styrene-isoprene-styrene block copolymer ; SIS [St; 15wt%]		
FLK-107	Styrene-ethylene/butylene-styrene block copolymer ; SEBS [St; 30wt%]		
FLK-108	Styrene-ethylene/propylene-styrene block copolymer ; SEPS [St; 30wt%]		
FLK-109	Polyvinyl chloride thermoplastic elastomer ; TPVC		
FLK-110	Thermoplastic vulcanizate ; TPV		
FLK-111	Ethylene-propylene rubber ; EPM [Et; 52wt%]		
FLK-112	Ethylene-propylene-diene rubber ; EPDM [Et; 61wt%, ethylidene norbornene (ENB); 5.8wt%]		
FLK-113	Ethylene-propylene-diene rubber ; EPDM [Et; 54wt%, ethylidene norbornene (ENB); 4.5wt%]		
FLK-115	Ethylene-propylene-diene rubber ; EPDM [Et; 52wt%, ethylidene norbornene (ENB); 8.1wt%]		
FLK-116	Ethylene-propylene-diene rubber ; EPDM [Et; 54wt%, ethylidene norbornene (ENB); 9.0wt%]		
FLK-117	Ethylene-propylene-diene rubber ; EPDM		
FLK-118	Polybutadiene ; high-cis BR [cis-1,4; 95%]		
FLK-119	Polybutadiene ; BR		
FLK-120	Polybutadiene ; BR		

FLK-121	Solution polymerized styrene-butadiene rubber ; S-SBR [St;23.5%]		
FLK-122	Solution polymerized styrene-butadiene rubber ; S-SBR		
FLK-123	Emulsion polymerized styrene-butadiene rubber ; E-SBR [st; 23.5wt%]		
FLK-124	Emulsion polymerized styrene-butadiene rubber ; E-SBR [st; 35wt%, oil-extended, black]		
FLK-125	Emulsion polymerized styrene-butadiene rubber ; E-SBR [st; 23.5wt%, oil-extended, black]		
FLK-126	Poly(propylene-alt-ethylene),multi-arm		
FLK-127	Ethylene-propylene-5-methylene-2-norbornene terpolymer ; [Et; 50wt%, 5-Me-2-nor; 8wt%]		
FLK-128	Isoprene rubber ; IR [cis]		
FLK-129	Natural rubber ; NR		
FLK-130	Isoprene rubber ; IR [trans]		
FLK-131	Chloroprene rubber ; CR		
FLK-132	Chlorosulfonated polyethylene ; CSM [Cl; 35%, S; 1.0%]		
FLK-133	Cyclo-olefin polymer ; Poly(dicyclopentadiene) ; COP		
FLK-134	Cyclo-olefin polymer ; Poly(dicyclopentadiene) ; COP		
FLK-135	C9 Hydrocarbon resin ; Styrene-indene-vinyltoluene terpolymer		

FLK-136	Styrene-acrylate copolymer		
FLK-137	Rosin ester		
FLK-138	Polyphenylene sulfide ; PPS [branch]		
FLK-139	Methyl methacrylate-butadiene-styrene copolymer ; MBS		
FLK-140	Polyphenylene sulfide ; PPS		
FLK-141	Polybutylene terephthalate ; PBT		
FLK-142	Polycarbonate ; PC		
FLK-143	Polycarbonate-polyester ; PC/Polyester		
FLK-144	Polycarbonate ; PC [Carbon fibre reinforced]		
FLK-145	Polycarbonate (acrylonitrile-butadiene-styrene-blended) ; PC (ABS-blended)		
FLK-146	Polyphenylene ether (high impact polystyrene-blended) ; PPE (HIPS-blended)		
FLK-147	Polyphenylene ether (polystyrene, Nylon 6-blended) ; PPE (PS-PA6-blended)		
FLK-148	Poly(m-phenylene adipamide) ; Poly[(m-phenylenediamine)-alt-(adipic acid)] ; PA-MXD6 [glass fibre reinforced]		
FLK-149	Poly(hexamethylene iso-/tere-phthalamide) ; Nylon 6I/6T ; PA 6I/6T		
FLK-150	Epsilon-caprolactam-hexamethylene adipamide copolymer ; Nylon 6/66 ; PA 6/66		

FLK-151	Polycaprolactam ; Nylon-6 ; PA6	$\left[\text{NH}-(\text{CH}_2)_5-\text{C}(=\text{O}) \right]_n$	
FLK-152	Poly(hexamethylene adipamide) ; Nylon-6,6 ; PA66	$\left[\text{NH}-(\text{CH}_2)_6-\text{NH}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O}) \right]_n$	
FLK-153	Poly(hexamethylene adipamide) [high-MW polyethylene-blended] ; Nylon-6,6 [HMWPE-blended] ; PA66 [HMWPE-blended]	$\left[\text{NH}-(\text{CH}_2)_6-\text{NH}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O}) \right]_n \quad / \quad \left[\text{CH}_2-\text{CH}_2 \right]_n$	
FLK-155	Poly(hexamethylene succinamide) ; Nylon-4,6 ; PA46	$\left[\text{NH}-(\text{CH}_2)_6-\text{NH}-\text{C}(=\text{O})-(\text{CH}_2)_2-\text{C}(=\text{O}) \right]_n$	
FLK-157	Polybutylene terephthalate ; PBT	$\left[\text{O}-(\text{CH}_2)_4-\text{O}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_n$	
FLK-158	Polyacetal ; Poly(oxymethylene) ; POM [end-capped]	$\left[\text{CH}_2-\text{O} \right]_n$	
FLK-159	Polyacetal (methylene diphenyl diisocyanate-butandiol copolymer blended) ; POM (MDI-butanediol copolymer blended)	$\left[\text{CH}_2-\text{O} \right]_n \quad / \quad \left[\text{NH}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{NH}-\text{C}(=\text{O})-\text{O}-(\text{CH}_2)_4-\text{O} \right]_n$	
FLK-160	Polyacetal ; Poly(oxymethylene) ; POM	$\left[\text{CH}_2-\text{O} \right]_n$	
FLK-161	Polyphenylene ether (Nylon 6-blended) ; PPE (PA6-blended)	$\left[\text{C}_6\text{H}_4-\text{O} \right]_n \quad / \quad \left[\text{NH}-(\text{CH}_2)_5-\text{C}(=\text{O}) \right]_n$	
FLK-162	Polyethersulfone ; PES	$\left[\text{C}_6\text{H}_4-\text{SO}_2-\text{C}_6\text{H}_4-\text{O} \right]_n$	
FLK-163	Poly(4-methyl pentene-1) ; PMP	$\left[\text{CH}_2-\text{CH} \left(\begin{array}{c} \text{CH}_2 \\ \\ \text{H}_3\text{C}-\text{CH}-\text{CH}_3 \end{array} \right) \right]_n$	
FLK-164	Polybutylene ; Polybutene-1; PB-1	$\left[\text{CH}_2-\text{CH} \left(\begin{array}{c} \text{CH}_2 \\ \\ \text{CH}_3 \end{array} \right) \right]_n$	
FLK-165	Polyisobutylene ; PIB	$\left[\text{CH}_2-\text{C} \left(\begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_3 \end{array} \right) \right]_n$	
FLK-166	Polystyrene (Atactic) ; PS	$\left[\text{CH}_2-\text{CH} \left(\text{C}_6\text{H}_5 \right) \right]_n$	
FLK-167	Polystyrene (Isotactic(iso;90%,Mw;415k)) ; PS	$\left[\text{CH}_2-\text{CH} \left(\text{C}_6\text{H}_5 \right) \right]_n$	

FLK-168	Polystyrene (Syndiotactic(Mw;1200k)) ; PS		
FLK-169	High impact polystyrene ; HIPS [low-cis type]		
FLK-170	High impact polystyrene ; HIPS [high-cis type]		
FLK-171	Poly(p-methylstyrene) ; Poly(4-methylstyrene) ; PMS		
FLK-172	Poly-4-methoxystyrene		
FLK-173	Poly(alpha-methylstyrene) [Mw: 650,000]		
FLK-174	Brominated Polystyrene		
FLK-175	Poly(4-bromostyrene)		
FLK-176	Poly(4-chlorostyrene)		
FLK-177	Poly(sodium 4-styrenesulfonate)		
FLK-178	Ethylene-vinyl alcohol copolymer ; EVOH [Et: 44mol%]		
FLK-179	Ethylene-vinyl alcohol copolymer ; EVOH [Et: 32mol%]		
FLK-180	Poly(vinyl butyrate) (DB;25mol%) ; PVB		
FLK-181	Poly(vinyl butyrate) (DB;50mol%) ; PVB		
FLK-182	Poly(vinyl butyrate) (DB;70mol%) ; PVB		

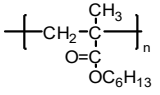
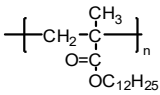
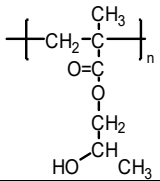
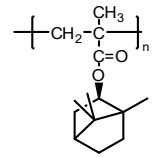
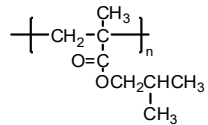
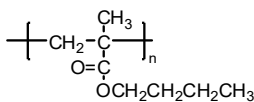
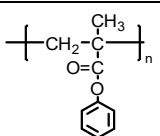
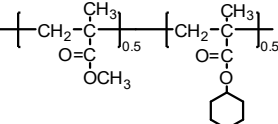
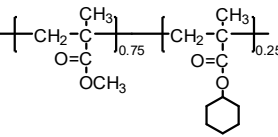
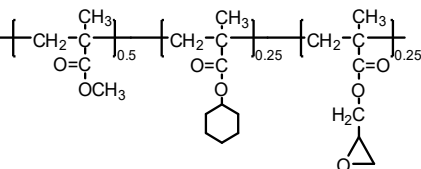
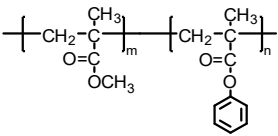
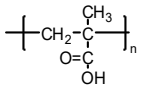
FLK-183	Methyl acrylate-poly(vinyl alcohol) ; MA-PVA [MA; ~10mol%]	$\left[\text{CH}_2 - \underset{\substack{\text{O}=\text{C} \\ \text{OCH}_3}}{\text{CH}} \right]_{0.1} \left[\text{CH}_2 - \underset{\text{OH}}{\text{CH}} \right]_{0.9}$	
FLK-184	Methyl methacrylate-Vinyl alcohol (MMA;5mol%) ; MMA-PVA	$\left[\text{CH}_2 - \underset{\substack{\text{CH}_3 \\ \text{O}=\text{C} \\ \text{OCH}_3}}{\text{C}} \right]_{0.05} \left[\text{CH}_2 - \underset{\text{OH}}{\text{CH}} \right]_{0.95}$	
FLK-185	Polyvinylalcohol ; PVA [Pa: 1700]	$\left[\text{CH}_2 - \underset{\text{OH}}{\text{CH}} \right]_n$	
FLK-186	Poly(vinyl alcohol-vinyl acetate) (DS;45.4,Pa;300) ; PVA-VAc	$\left[\text{CH}_2 - \underset{\text{OH}}{\text{CH}} \right]_m \left[\text{CH}_2 - \underset{\substack{\text{O} \\ \text{C}=\text{O} \\ \text{CH}_3}}{\text{CH}} \right]_n$	
FLK-187	Poly(vinyl alcohol-vinyl acetate) (DS;78.2,Pa;300) ; PVA-VAc	$\left[\text{CH}_2 - \underset{\text{OH}}{\text{CH}} \right]_m \left[\text{CH}_2 - \underset{\substack{\text{O} \\ \text{C}=\text{O} \\ \text{CH}_3}}{\text{CH}} \right]_n$	
FLK-188	Poly(vinyl alcohol-vinyl acetate) (DS;88.5,Pa;300) ; PVA-VAc	$\left[\text{CH}_2 - \underset{\text{OH}}{\text{CH}} \right]_m \left[\text{CH}_2 - \underset{\substack{\text{O} \\ \text{C}=\text{O} \\ \text{CH}_3}}{\text{CH}} \right]_n$	
FLK-189	Poly(vinyl acetate-vinylidene chloride) ; P(VAc-VC) [VAc: 5mol%]	$\left[\text{CH}_2 - \underset{\substack{\text{O} \\ \text{C}=\text{O} \\ \text{CH}_3}}{\text{CH}} \right]_{0.05} \left[\text{CH}_2 - \underset{\substack{\text{Cl} \\ \text{Cl}}}{\text{C}} \right]_{0.95}$	
FLK-190	Poly(vinyl acetate-vinylidene chloride) ; P(VAc-VC) [VAc: 15mol%]	$\left[\text{CH}_2 - \underset{\substack{\text{O} \\ \text{C}=\text{O} \\ \text{CH}_3}}{\text{CH}} \right]_{0.15} \left[\text{CH}_2 - \underset{\substack{\text{Cl} \\ \text{Cl}}}{\text{C}} \right]_{0.85}$	
FLK-191	Poly(vinyl acetate-vinylidene cyanide) ; Poly(VAc-VDCN)	$\left[\text{CH}_2 - \underset{\substack{\text{O} \\ \text{C}=\text{O} \\ \text{CH}_3}}{\text{CH}} \right]_m \left[\text{CH}_2 - \underset{\substack{\text{CN} \\ \text{CN}}}{\text{C}} \right]_n$	
FLK-192	Poly(vinylpyrrolidone-vinyl acetate) (VAc;30mol%) ; Poly(Vinylpyrrolidone-VAc)	$\left[\text{CH}_2 - \underset{\text{N} \begin{array}{c} \diagup \text{O} \diagdown \\ \text{C} \end{array}}{\text{CH}} \right]_{0.7} \left[\text{CH}_2 - \underset{\substack{\text{O} \\ \text{C}=\text{O} \\ \text{CH}_3}}{\text{CH}} \right]_{0.3}$	
FLK-193	Poly(vinylpyrrolidone-vinyl acetate) ; P(VP-VAc) [VAc; 70mol%]	$\left[\text{CH}_2 - \underset{\text{N} \begin{array}{c} \diagup \text{O} \diagdown \\ \text{C} \end{array}}{\text{CH}} \right]_{0.3} \left[\text{CH}_2 - \underset{\substack{\text{O} \\ \text{C}=\text{O} \\ \text{CH}_3}}{\text{CH}} \right]_{0.7}$	
FLK-194	Polyvinylpyrrolidone ; PVP	$\left[\text{CH}_2 - \underset{\text{N} \begin{array}{c} \diagup \text{O} \diagdown \\ \text{C} \end{array}}{\text{CH}} \right]_n$	
FLK-195	Poly(vinyl chloride-vinylidene chloride) ; P(VC-VDC)	$\left[\text{CH}_2 - \underset{\text{Cl}}{\text{CH}} \right]_m \left[\text{CH}_2 - \underset{\substack{\text{Cl} \\ \text{Cl}}}{\text{C}} \right]_n$	
FLK-196	Polyacrylamide ; PAAM	$\left[\text{CH}_2 - \underset{\substack{\text{O}=\text{C} \\ \text{NH}_2}}{\text{CH}} \right]_n$	
FLK-197	Poly-2-vinylpyridine	$\left[\text{CH}_2 - \underset{\text{C}_5\text{H}_4\text{N}}{\text{CH}} \right]_n$	

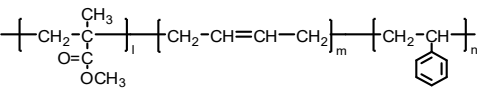
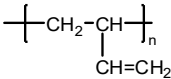
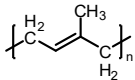
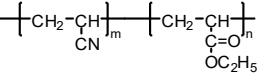
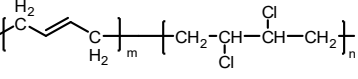
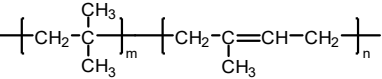
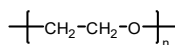
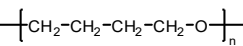
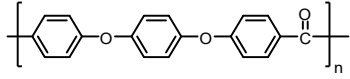
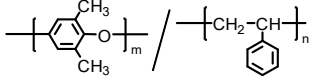
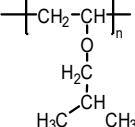
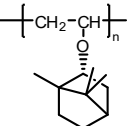
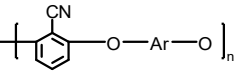
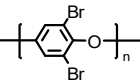
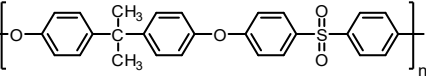
FLK-198	Polyvinylmethylketone		
FLK-199	Poly(9-vinyl carbazole)		
FLK-200	Polyvinylcinnamate		
FLK-201	Poly-2-vinylnaphthalene		
FLK-202	Polyvinylcarbanilate		
FLK-203	Poly(4-vinyl phenol)		
FLK-204	Polyacrylonitrile ; PAN		
FLK-205	Acrylonitrile-styrene copolymer ; AS		
FLK-206	Methyl methacrylate-vinylidene cyanide copolymer ; MMA-VDCN		
FLK-207	(Acrylonitrile-methyl acrylate)- (acrylonitrile-butadiene) graft copolymer ; P(AN-MA)-g-NBR [AN:MA=7:3, NBR: 20%]	 	
FLK-208	Vinyl chloride-vinyl acetate-vinyl alcohol copolymer ; VC-VAc-VA [91:3:6]		
FLK-209	Vinyl chloride-vinyl acetate copolymer ; VC-VAc [86:14]		
FLK-210	Vinyl chloride-vinyl acetate- methacrylonitrile copolymer ; VC-VAc- MA [86:13:1]		

FLK-211	Poly(vinyl pivalate)	$\left[\text{CH}_2 - \underset{\begin{array}{c} \\ \text{O} \\ \\ \text{C}=\text{O} \\ \\ \text{H}_3\text{C}-\text{C}-\text{CH}_3 \\ \\ \text{CH}_3 \end{array}}{\text{CH}} \right]_n$	
FLK-212	Poly(ethylene-vinyl pivalate)	$\left[\text{CH}_2 - \text{CH}_2 \right]_m \left[\text{CH}_2 - \underset{\begin{array}{c} \\ \text{O} \\ \\ \text{C}=\text{O} \\ \\ \text{H}_3\text{C}-\text{C}-\text{CH}_3 \\ \\ \text{CH}_3 \end{array}}{\text{CH}} \right]_n$	
FLK-213	Poly(2-acrylamido-2-methyl-1-propanesulfonic acid-co-acrylonitrile)	$\left[\text{CH}_2 - \underset{\begin{array}{c} \\ \text{O}=\text{C} \\ \\ \text{HN} \\ \\ \text{H}_3\text{C}-\text{C}-\text{CH}_3 \\ \\ \text{CH}_2 \\ \\ \text{SO}_3\text{H} \end{array}}{\text{CH}} \right]_m \left[\text{CH}_2 - \underset{\text{CN}}{\text{CH}} \right]_n$	
FLK-214	Poly(2-acrylamido-2-methyl-1-propanesulfonic acid-co-styrene) [Styrene:95%]	$\left[\text{CH}_2 - \underset{\begin{array}{c} \\ \text{O}=\text{C} \\ \\ \text{HN} \\ \\ \text{H}_3\text{C}-\text{C}-\text{CH}_3 \\ \\ \text{CH}_2 \\ \\ \text{SO}_3\text{H} \end{array}}{\text{CH}} \right]_{0.05} \left[\text{CH}_2 - \underset{\text{C}_6\text{H}_5}{\text{CH}} \right]_{0.95}$	
FLK-215	Poly(allylamine hydrochloride)	$\left[\text{CH}_2 - \underset{\begin{array}{c} \\ \text{CH}_2 \\ \\ \text{NH}_2 \cdot \text{HCl} \end{array}}{\text{CH}} \right]_n$	
FLK-216	Poly(4-vinyl biphenyl)	$\left[\text{CH}_2 - \underset{\text{C}_6\text{H}_4 - \text{C}_6\text{H}_5}{\text{CH}} \right]_n$	
FLK-217	Poly(4-vinylpyridine-co-butyl methacrylate)	$\left[\text{CH}_2 - \underset{\text{C}_5\text{H}_4\text{N}}{\text{CH}} \right]_m \left[\text{CH}_2 - \underset{\begin{array}{c} \\ \text{CH}_3 \\ \\ \text{C}=\text{O} \\ \\ \text{O}-\text{C}_4\text{H}_9 \end{array}}{\text{CH}} \right]_n$	
FLK-218	Poly(2-vinylpyridine-co-styrene) [St;30%]	$\left[\text{CH}_2 - \underset{\text{C}_5\text{H}_4\text{N}}{\text{CH}} \right]_{0.7} \left[\text{CH}_2 - \underset{\text{C}_6\text{H}_5}{\text{CH}} \right]_{0.3}$	
FLK-219	Poly(4-vinylpyridine-co-styrene)	$\left[\text{CH}_2 - \underset{\text{C}_5\text{H}_4\text{N}}{\text{CH}} \right]_m \left[\text{CH}_2 - \underset{\text{C}_6\text{H}_5}{\text{CH}} \right]_n$	
FLK-220	Poly(vinyl stearate)	$\left[\text{CH}_2 - \underset{\begin{array}{c} \\ \text{O} \\ \\ \text{C}=\text{O} \\ \\ n-\text{C}_{17}\text{H}_{35} \end{array}}{\text{CH}} \right]_n$	
FLK-221	Poly(vinyl toluene)	$\left[\text{CH}_2 - \underset{\text{C}_6\text{H}_4 - \text{CH}_3}{\text{CH}} \right]_n$	
FLK-222	Poly(vinylbenzyl chloride)	$\left[\text{CH}_2 - \underset{\text{C}_6\text{H}_4 - \text{CH}_2\text{Cl}}{\text{CH}} \right]_n$	
FLK-223	Poly(<i>t</i> -butyl vinyl ether) [iso;88.8%]	$\left[\text{CH}_2 - \underset{\begin{array}{c} \\ \text{O} \\ \\ \text{H}_3\text{C}-\text{C}-\text{CH}_3 \\ \\ \text{CH}_3 \end{array}}{\text{CH}} \right]_n$	

FLK-224	Poly(<i>t</i> -butyl vinyl ether) [iso;52.4%]	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{O} \\ \\ \text{H}_3\text{C} - \text{C} - \text{CH}_3 \\ \\ \text{CH}_3 \end{array}}{\text{CH}} \right]_n$	
FLK-225	Poly(<i>t</i> -butyl vinyl ether) [iso;39.5%]	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{O} \\ \\ \text{H}_3\text{C} - \text{C} - \text{CH}_3 \\ \\ \text{CH}_3 \end{array}}{\text{CH}} \right]_n$	
FLK-226	Polyvinylalcohol ; PVA [Pa;4000]	$\left[\text{CH}_2 - \underset{\text{OH}}{\text{CH}} \right]_n$	
FLK-227	Polyvinylalcohol ; PVA [Pa;18250]	$\left[\text{CH}_2 - \underset{\text{OH}}{\text{CH}} \right]_n$	
FLK-228	Polyvinylalcohol ; PVA [iso;86.6mol%]	$\left[\text{CH}_2 - \underset{\text{OH}}{\text{CH}} \right]_n$	
FLK-229	Polyvinylalcohol ; PVA [syndio;61mol%]	$\left[\text{CH}_2 - \underset{\text{OH}}{\text{CH}} \right]_n$	
FLK-230	Polyvinylalcohol ; PVA [Pa;25]	$\left[\text{CH}_2 - \underset{\text{OH}}{\text{CH}} \right]_n$	
FLK-231	Poly(N-vinylacetamide) ; PNVA	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{N}-\text{H} \\ \\ \text{C}=\text{O} \\ \\ \text{CH}_3 \end{array}}{\text{CH}} \right]_n$	
FLK-232	Sodium polyacrylate ; PAA(sodium salt)	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{O}=\text{C} \\ \\ \text{ONa} \end{array}}{\text{CH}} \right]_n$	
FLK-233	Polyacrylic acid ; PAA	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{C}=\text{O} \\ \\ \text{OH} \end{array}}{\text{CH}} \right]_n$	
FLK-234	Poly(methyl acrylate) ; PMA	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{C}=\text{O} \\ \\ \text{OCH}_3 \end{array}}{\text{CH}} \right]_n$	
FLK-235	Poly(butyl acrylate) ; PBA	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{C}=\text{O} \\ \\ \text{OC}_4\text{H}_9 \end{array}}{\text{CH}} \right]_n$	
FLK-236	Poly(methyl methacrylate) ; PMMA [atactic]	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{CH}_3 \\ \\ \text{O}=\text{C} \\ \\ \text{OCH}_3 \end{array}}{\text{C}} \right]_n$	
FLK-237	Poly(methyl methacrylate) ; PMMA [isotactic/mm:mr:rr=97:2:1]	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{CH}_3 \\ \\ \text{O}=\text{C} \\ \\ \text{OCH}_3 \end{array}}{\text{C}} \right]_n$	
FLK-238	Poly(methyl methacrylate) ; PMMA [syndiotactic/mm:mr:rr=6.5:11.0:82.5]	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{CH}_3 \\ \\ \text{O}=\text{C} \\ \\ \text{OCH}_3 \end{array}}{\text{C}} \right]_n$	

FLK-239	Poly(ethyl methacrylate) ; PEMA		
FLK-240	Poly(hydroxy ethyl methacrylate) ; PHEMA		
FLK-241	Poly(isopropyl methacrylate) ; PIPMA		
FLK-242	Poly(pinacolyl methacrylate) ; Poly(pinacolyl MA)		
FLK-243	Poly(<i>tert</i> -butyl methacrylate) ; P <i>t</i> -BMA		
FLK-244	Poly(benzyl methacrylate) ; PBMA		
FLK-245	Acrylic acid-ethyl acrylate copolymer ; AA-EA [AA;14.6wt%]		
FLK-246	Ethyl acrylate-methyl methacrylic acid ; EA-MAA [MAA;19.2wt%]		
FLK-247	Methyl methacrylate-methyl acrylate copolymer ; MMA-MA [MA;15wt%]		
FLK-248	Methyl methacrylate-methyl acrylate copolymer ; MMA-MA [MA;50wt%]		
FLK-249	Methyl methacrylate-Butyl acrylate copolymer ; MMA-BA [BA;25wt%]		
FLK-250	Methyl methacrylate-styrene copolymer ; MMA-St [St;40wt%]		
FLK-251	Methyl methacrylate-maleic anhydride-styrene copolymer ; MMA-MAN-St [67/15/18wt%]		
FLK-252	Poly(2-ethyl hexyl acrylate)		

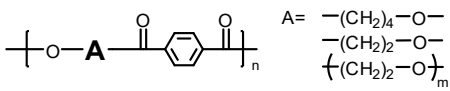
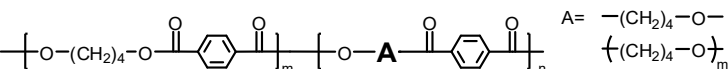
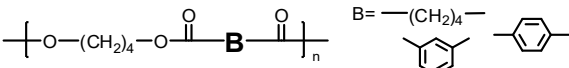
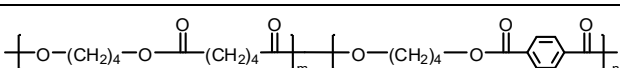
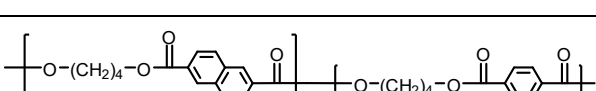
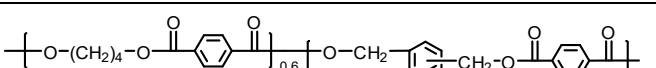
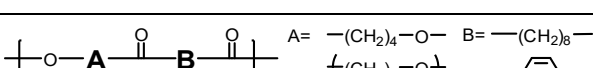
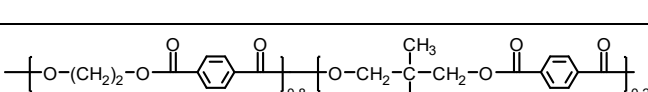
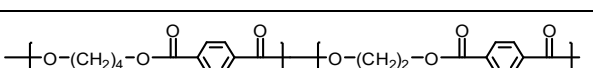
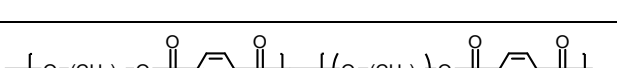
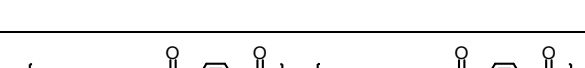
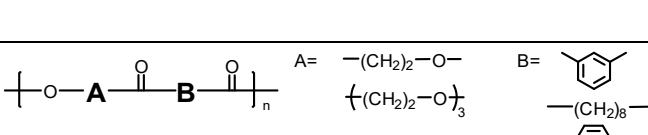
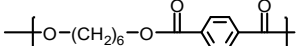
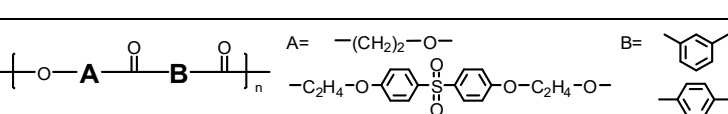
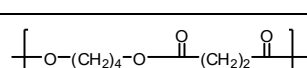
FLK-253	Poly(hexyl methacrylate)		
FLK-254	Poly(lauryl methacrylate)		
FLK-255	Poly(2-hydroxypropyl methacrylate)		
FLK-256	Poly(isobornyl methacrylate)		
FLK-257	Poly(isobutyl methacrylate)		
FLK-258	Poly(n-butyl methacrylate)		
FLK-259	Poly(phenyl methacrylate)		
FLK-260	Methyl methacrylate-cyclohexyl methacrylate ; MMA-CMA [1:1]		
FLK-261	Methyl methacrylate-cyclohexyl methacrylate ; MMA-CMA [3:1]		
FLK-262	Methyl methacrylate-cyclohexyl methacrylate-glycidyl methacrylate ; MMA-CMA-GMA [2:1:1]		
FLK-263	Methyl methacrylate-phenyl methacrylate ; MMA-PMA		
FLK-264	Poly(methacrylic acid) ; PMAA		

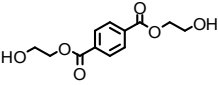
FLK-265	Methyl methacrylate-butadiene-styrene copolymer ; MMA/Butadiene/St ; MMBS		
FLK-266	Poly(1,2-butadiene)		
FLK-267	Polyisoprene(<i>trans</i> -1,4) ; PIP(<i>trans</i> -1,4) [Natural rubber]		
FLK-268	Poly(acrylonitrile-co-ethyl acrylate) ; NR		
FLK-269	Polybutadiene(<i>trans</i> -1,4) chlorinated ; BR(<i>trans</i> -1,4) chlorinated		
FLK-270	Isobutylene-isoprene rubber ; IIR		
FLK-271	Poly(ethylene glycol) ; PEG		
FLK-272	Poly(tetramethylene ether glycol) ; PTMG		
FLK-273	Polyetheretherketone ; PEEK		
FLK-274	Polyphenylene oxide (Polystyrene-blended) ; PPO (PS-blended)		
FLK-275	Poly(isobutyl vinyl ether)		
FLK-276	Poly(bornyl vinyl ether)		
FLK-277	Poly(ether nitrile)	 Ar = aryl group	
FLK-278	Poly(dibromo phenylene oxide)		
FLK-279	Polysulfone		

FLK-280	Polycaprolactone ; PCL		
FLK-281	Polyester [(Diethylene glycol,ethylene glycol):(isophthalic acid,terephthalic acid) ; (DEG,EG):(IPA,TPA)]		
FLK-282	Polyester [Diethylene glycol:terephthalic acid ; DEG:TPA]		
FLK-283	Polyethylene terephthalate glycol-modified ; PET-G ; [(Cyclohexane dimethanol,ethylene glycol):terephthalic acid ; (CHDM,EG):TPA]		
FLK-284	PCTA ; [Cyclohexane dimethanol:(isophthalic acid,terephthalic acid) ; CHDM:(IPA,TPA)]		
FLK-285	Polyester [Bisphenol A:terephthalic acid ; BPA:TPA]		
FLK-286	Poly(ethylene adipate) ; PEA		
FLK-287	Polyester [Ethylene glycol:(adipic acid,terephthalic acid) ; EG:(AA,TPA)] [AA/TPA=20/80]		
FLK-288	Poly(ethylene isophthalate) ; PEI		
FLK-289	Polyester [Ethylene glycol:(isophthalic acid,terephthalic acid) ; EG:(IPA,TPA)] [IPA/TPA=20/80]		
FLK-290	Poly(ethylene naphthalene dicarboxylate) ; PEN		
FLK-291	Polyester [(Ethylene glycol,neopentyl glycol):(isophthalic acid,sebacic acid,terephthalic acid) ; (EG,NPG):(IPA,SA,TPA)] [(60,40):(50,10,40)]		
FLK-292	Polyester [(Ethylene glycol,neopentyl glycol):(isophthalic acid,terephthalic acid) ; (EG,NPG):(IPA,TPA)]		
FLK-293	Polyester [(Ethylene glycol,neopentyl glycol):sebacic acid,terephthalic acid) ; (EG,NPG):(SA,TPA)]		
FLK-294	Polyester [(Ethylene glycol,polyethylene glycol):terephthalic acid ; (EG,PEG):TPA] [EG/PEG(#400)=85/15]		

FLK-295	Polyester [(Butanediol,ethylene glycol,poly(tetramethylene glycol));(adipic acid:terephthalic acid) ; (BD,EG,PTMG):(AA,TPA)]	$\left[\text{O}-\text{A}-\text{C}(=\text{O})-\text{B}-\text{C}(=\text{O}) \right]_n$ $\text{A} = \begin{array}{l} \text{---}(\text{CH}_2)_4\text{---O---} \\ \text{---}(\text{CH}_2)_2\text{---O---} \\ \left[\text{---}(\text{CH}_2)_4\text{---O---} \right]_m \end{array} \quad \text{B} = \begin{array}{l} \text{---}(\text{CH}_2)_4\text{---} \\ \text{---} \text{C}_6\text{H}_4 \text{---} \end{array}$	
FLK-296	Polyester [Ethylene glycol:sebacic acid,terephthalic acid) ; EG:(SA,TPA)] [SA/TPA=20/80]	$\left[\text{O}-(\text{CH}_2)_2-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_8-\text{C}(=\text{O}) \right]_{0.20} \left[\text{O}-(\text{CH}_2)_2-\text{O}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_{0.80}$	
FLK-297	Polyester [(Butanediol,ethylene glycol):(adipic acid,isophthalic acid,terephthalic acid) ; (BD,EG):(AA,IPA,TPA)]	$\left[\text{O}-\text{A}-\text{C}(=\text{O})-\text{B}-\text{C}(=\text{O}) \right]_n$ $\text{A} = \begin{array}{l} \text{---}(\text{CH}_2)_4\text{---O---} \\ \text{---}(\text{CH}_2)_2\text{---O---} \end{array} \quad \text{B} = \begin{array}{l} \text{---}(\text{CH}_2)_4\text{---} \\ \text{---} \text{C}_6\text{H}_4 \text{---} \\ \text{---} \text{C}_6\text{H}_3 \text{---} \end{array}$	
FLK-298	Polyester [(Butanediol,ethylene glycol):(isophthalic acid,sebacic acid,terephthalic acid) ; (BD,EG):(IPA,SA,TPA)]	$\left[\text{O}-\text{A}-\text{C}(=\text{O})-\text{B}-\text{C}(=\text{O}) \right]_n$ $\text{A} = \begin{array}{l} \text{---}(\text{CH}_2)_4\text{---O---} \\ \text{---}(\text{CH}_2)_2\text{---O---} \end{array} \quad \text{B} = \begin{array}{l} \text{---}(\text{CH}_2)_4\text{---} \\ \text{---} \text{C}_6\text{H}_3 \text{---} \\ \text{---}(\text{CH}_2)_8\text{---} \\ \text{---} \text{C}_6\text{H}_4 \text{---} \end{array}$	
FLK-299	Polyester [Hexanediol:(adipic acid,terephthalic acid) ; HD:(AA,TPA)] [AA/TPA=40/60]	$\left[\text{O}-(\text{CH}_2)_6-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O}) \right]_{0.4} \left[\text{O}-(\text{CH}_2)_6-\text{O}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_{0.6}$	

Polymer Library

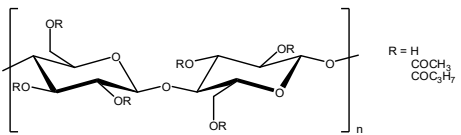
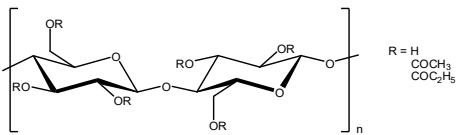
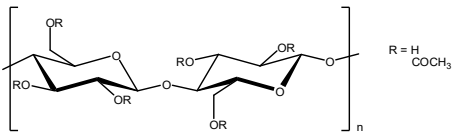
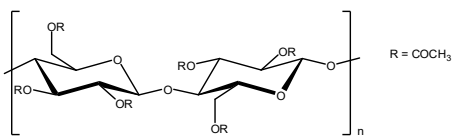
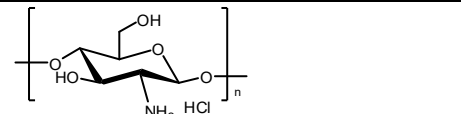
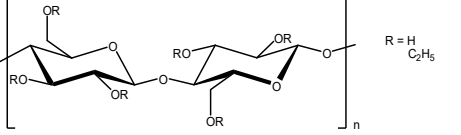
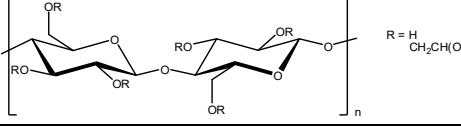
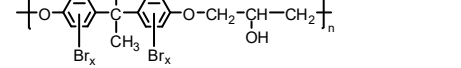
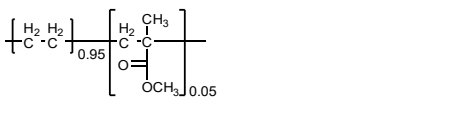
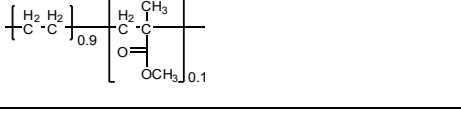
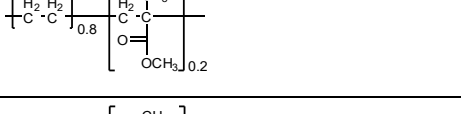
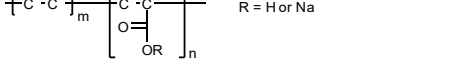
Entry ID	Name	Structure Formula	Newly Added in Ver.3.8
FLK-300	Polyester [(Butanediol,hexanediol,polyethylene glycol):terephthalic acid ; (BD,HD,PEG):TPA]		
FLK-301	Polybutylene terephthalate/PTG ; PBT/PTG ; [(Butanediol,poly(tetramethylene glycol):terephthalic acid) ; [(BD,PTMG):TPA]		
FLK-302	Polyester [Butanediol:(adipic acid,isophthalic acid,terephthalic acid) ; BD:(AA,IPA,TPA)]		
FLK-303	Polyester [Butanediol:(adipic acid,terephthalic acid) ; BD:(AA,TPA)]		
FLK-304	Polyester [Butanediol:(naphthalene dicarboxylic acid,terephthalic acid) ; BD:(NDCA,TPA)]		
FLK-305	Polyester [(Butanediol,bis(hydroxyl methyl)benzene):terephthalic acid ; (BD,BHMB):TPA] [BD/BHMB=60/40]		
FLK-306	Polyester [(Butanediol,diethylene glycol):(sebacic acid,terephthalic acid) ; (BD,DEG):(SA,TPA)] [(72,28):(8,92)]		
FLK-307	Polyester [(Ethylene glycol,neopentyl glycol):terephthalic acid ; (EG,NPG):TPA] [EG/NPG=80/20]		
FLK-308	Polyester [(Butanediol,ethylene glycol):terephthalic acid ; (BD,EG):TPA] [BD/EG=20/80]		
FLK-309	Polyester [(Butanediol,diethylene glycol):terephthalic acid ; (BD,DEG):TPA] [BD/DEG=78/22]		
FLK-310	Polyester [(Ethylene glycol,propanediol):terephthalic acid ; (EG,PD):TPA]		
FLK-311	Polyester [(Ethylene glycol,triethylene glycol):(isophthalic acid,sebacic acid,terephthalic acid) ; (EG,TEG):(IPA,SA,TPA)]		
FLK-312	Polyhexamethylene terephthalate ; PHMT		
FLK-313	Polyester [Poly((ethylene glycol,bis[4-(2-hydroxyethoxy)phenyl] sulfone):(isophthalic acid,terephthalic acid) ; (EG,EOBPS):(IPA,TPA)] [(80,20):(20,80)]		
FLK-314	Poly(butylene succinate)		

FLK-315	Poly(butylene sebacate)	$\left[\text{O}-(\text{CH}_2)_4-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_8-\text{C}(=\text{O}) \right]_n$	
FLK-316	Poly(4-hydroxybutyrate) ; PHB	$\left[\text{O}-(\text{CH}_2)_3-\text{C}(=\text{O}) \right]_n$	
FLK-317	Polyester [Butanediol,hexanediol:adipic acid ; (BD,HD):AA]	$\left[\text{O}-(\text{CH}_2)_4-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O}) \right]_m \left[\text{O}-(\text{CH}_2)_6-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O}) \right]_n$	
FLK-318	Poly(3-methyl-1,5-pentanediol:azelaic acid) ; PMAz	$\left[\text{O}-(\text{CH}_2)_2-\overset{\text{CH}_3}{\text{CH}}-(\text{CH}_2)_2-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_7-\text{C}(=\text{O}) \right]_n$	
FLK-319	Poly(methylpentane dodecanoate) ; PMDd [Dd=dodecane dicarboxylic acid]	$\left[\text{O}-(\text{CH}_2)_2-\overset{\text{CH}_3}{\text{CH}}-(\text{CH}_2)_2-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_{10}-\text{C}(=\text{O}) \right]_n$	
FLK-320	Poly(β-methyl-δ-valerolactone) glycol ; PMVL	$\left[\text{O}-(\text{CH}_2)_2-\overset{\text{CH}_3}{\text{CH}}-\text{CH}_2-\text{C}(=\text{O}) \right]_n$	
FLK-321	Poly(3-methylpentamethylene adipate) glycols ; PMPA	$\left[\text{O}-(\text{CH}_2)_2-\overset{\text{CH}_3}{\text{CH}}-(\text{CH}_2)_2-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O}) \right]_n$	
FLK-322	Poly(ethylene/butylene adipate) (Mn;2000) ; PEBA(2000)	$\left[\text{O}-(\text{CH}_2)_2-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O}) \right]_m \left[\text{O}-(\text{CH}_2)_4-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O}) \right]_n$	
FLK-323	Bis-hydroxyethylterephthalate ; BHET		
FLK-324	Poly(cyclohexanedimethylene terephthalate) ; PCT	$\left[\text{O}-\text{CH}_2-\text{C}_6\text{H}_{10}-\text{CH}_2-\text{O}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_n$	
FLK-325	Polyester [(Cyclohexane dimethanol,ethylene glycol):terephthalic acid ; (CHDM,EG):TPA] [Poly(2,2'-bis(1,4-phenylene)carbonate blended)]	$\left[\text{O}-\text{CH}_2-\text{C}_6\text{H}_{10}-\text{CH}_2-\text{O}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_m \left[\text{O}-(\text{CH}_2)_2-\text{O}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_n$	
FLK-326	Poly(4-oxybenzoyl-co-2-oxy-6-naphthoyl)	$\left[\text{O}-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_m \left[\text{O}-\text{C}_{10}\text{H}_6-\text{C}(=\text{O}) \right]_n$	
FLK-327	Poly(4-oxybenzoyl-co-4,4'-biphenylene;terephthalate)	$\left[\text{O}-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_m \left[\text{O}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{O}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_n$	
FLK-328	Poly(ethylene succinate)	$\left[\text{O}-(\text{CH}_2)_2-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_2-\text{C}(=\text{O}) \right]_n$	
FLK-329	Poly(neopentyl glycol sebacate)	$\left[\text{O}-\text{CH}_2-\overset{\text{CH}_3}{\underset{\text{CH}_3}{\text{C}}}-\text{CH}_2-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_8-\text{C}(=\text{O}) \right]_n$	
FLK-330	Poly(4-oxybenzoyl-co-poly(ethylene;terephthalate))	$\left[\text{O}-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_m \left[\text{O}-(\text{CH}_2)_2-\text{O}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_n$	

FLK-331	Poly-2-methyl octane,nonamethylene adipate ; PNOA		
FLK-332	Ester gum (Rosin type)		
FLK-333	Polybutylene naphthalate ; BD naphthalate		
FLK-334	Nonanediol naphthalate ; ND naphthalate		
FLK-335	Poly(trimethylene terephthalate) ; PPT		
FLK-336	Poly(hexamethylene terephthalate) ; PHMT		
FLK-337	Polyamide-imide ; trimellitic anhydride chloride-phenylenediamine-oxydianiline ; PAI ; TMAC/PD/ODA		
FLK-338	Bismaleimide-triazine resin ; BT		
FLK-339	Polyaminobismaleimide ; PABM		
FLK-341	Polyurethane [Diphenylmethane diisocyanate/bis(hydroxyl ethoxy)benzene,poly(tetramethylene glycol) ; MDI/BHEB,PTMG]		
FLK-342	Polyurethane [Diphenylmethane diisocyanate/poly(adipic acid:(ethylene glycol,butanediol)) ; MDI/AA:(EG,BD)]		
FLK-343	Polyurethane [Diphenylmethane diisocyanate/ethylene glycol/polycaprolactone ; MDI/EG/PCL]		
FLK-344	Polyurethane [Diphenylmethane diisocyanate/butanediol/polycaprolactone ; MDI/BD/PCL]		
FLK-345	Polyurethane [(Diphenylmethane diisocyanate,hexamethylenediamine)/ethylene glycol/(poly(tetramethylene glycol),polycaprolactone) ; MDI,HMDA/EG/PTMG,PCL]		

FLK-346	Polyurethane [Diphenylmethane diisocyanate/(butanediol,ethylene glycol)/polycaprolactone ; MDI/BD,EG/PCL]	$\left[\text{NH}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{NH}-\text{C}(=\text{O})-\text{O}-\mathbf{A} \right]_n$ $\text{A} = \begin{array}{l} -(\text{CH}_2)_4-\text{O}- \\ -(\text{CH}_2)_2-\text{O}- \\ \text{-(CH}_2)_5-\text{C}(=\text{O})-\text{O-} \end{array}$	
FLK-347	Polyurethane [Diphenylmethane diisocyanate/ethylene glycol/polyethylene glycol ; MDI/EG/PEG]	$\left[\text{NH}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{NH}-\text{C}(=\text{O})-\text{O}-\mathbf{A} \right]_n$ $\text{A} = \begin{array}{l} -(\text{CH}_2)_2-\text{O}- \\ \text{-(CH}_2)_2-\text{O-} \end{array}$	
FLK-348	Polyurethane [Diphenylmethane diisocyanate/ethylene glycol/(polyethylene glycol,poly(tetramethylene glycol)) ; MDI/EG/PEG,PTMG]	$\left[\text{NH}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{NH}-\text{C}(=\text{O})-\text{O}-\mathbf{A} \right]_n$ $\text{A} = \begin{array}{l} -(\text{CH}_2)_2-\text{O}- \\ \text{-(CH}_2)_2-\text{O-} \\ \text{-(CH}_2)_4-\text{O-} \end{array}$	
FLK-349	Polyurethane [Diphenylmethane diisocyanate/butanediol/poly(tetramethylene glycol) ; MDI/BD/PTMG]	$\left[\text{NH}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{NH}-\text{C}(=\text{O})-\text{O}-\mathbf{A} \right]_n$ $\text{A} = \begin{array}{l} -(\text{CH}_2)_4-\text{O}- \\ \text{-(CH}_2)_4-\text{O-} \end{array}$	
FLK-350	Polyurethane [Diphenylmethane diisocyanate/butanediol/poly(butylene ethylene adipate) ; MDI/BD/PBEA(2.6:1.6:1)]	$\left[\text{NH}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{NH}-\text{C}(=\text{O})-\text{O}-\mathbf{A} \right]_n$ $\text{A} = \begin{array}{l} -(\text{CH}_2)_4-\text{O}- \\ \text{PBEA} \end{array}$ $\text{PBEA} \quad \text{-(CH}_2)_2-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O})-\text{O-} \quad \text{-(CH}_2)_4-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O})-\text{O-}$	
FLK-351	Polyurethane [Diphenylmethane diisocyanate/butanediol/poly(butylene adipate) ; MDI/BD/PBA]	$\left[\text{NH}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{NH}-\text{C}(=\text{O})-\text{O}-\mathbf{A} \right]_n$ $\text{A} = \begin{array}{l} -(\text{CH}_2)_4-\text{O}- \\ \text{-(CH}_2)_4-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O})-\text{O-} \end{array}$	
FLK-352	Polyurethane [(Diphenylmethane diisocyanate,diaminodiphenylmethane ,hexamethylenediamine)/poly(tetramethylene glycol) ; MDI,DAM,HMDA/PTMG]	$\left[\text{NH}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{NH}-\text{C}(=\text{O})-\mathbf{A} \right]_n$ $\text{A} = \begin{array}{l} \text{H}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{H} \\ \text{H}-\text{N}-(\text{CH}_2)_6-\text{N}-\text{H} \end{array} \quad \text{O-} \text{-(CH}_2)_4-\text{O-}$	
FLK-353	Polyurethane [(Diphenylmethane diisocyanate,diaminodiphenylmethane)/poly(tetramethylene glycol) ; MDI,DAM/PTMG]	$\left[\text{NH}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{NH}-\text{C}(=\text{O})-\mathbf{A} \right]_n$ $\text{A} = \begin{array}{l} \text{H}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{H} \\ \text{O-} \text{-(CH}_2)_4-\text{O-} \end{array}$	
FLK-354	Polyurethane [Diphenylmethane diisocyanate/butanediol/poly(3-methylpentamethylene adipate) ; MDI/BD/PMPA]	$\left[\text{NH}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{NH}-\text{C}(=\text{O})-\mathbf{A} \right]_n$ $\text{A} = \begin{array}{l} -(\text{CH}_2)_4-\text{O}- \\ \text{-(CH}_2)_2-\text{CH}(\text{CH}_3)-(\text{CH}_2)_2-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O})-\text{O-} \end{array}$	
FLK-355	Polyurethane [Diphenylmethane diisocyanate/butanediol/poly(3-methyl-1,5-pentanediol:azelaic acid) ; MDI/BD/PMAz]	$\left[\text{NH}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{NH}-\text{C}(=\text{O})-\mathbf{A} \right]_n$ $\text{A} = \begin{array}{l} -(\text{CH}_2)_4-\text{O}- \\ \text{-(CH}_2)_2-\text{CH}(\text{CH}_3)-(\text{CH}_2)_2-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_7-\text{C}(=\text{O})-\text{O-} \end{array}$	
FLK-356	Polyurethane [Diphenylmethane diisocyanate/butanediol/poly(2-methyl octane,nonamethylene adipate) ; MDI/BD/PNOA(5:4:1)]	$\left[\text{NH}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{NH}-\text{C}(=\text{O})-\mathbf{A} \right]_n$ $\text{A} = \begin{array}{l} -(\text{CH}_2)_4-\text{O}- \\ \text{PNOA} \end{array}$ $\text{PNOA} \quad \text{CH}_3 \quad \text{-(CH}_2)_2-\text{CH}-\text{C}(=\text{O})-(\text{CH}_2)_6-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O})-\text{O-} \quad \text{-(CH}_2)_9-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O})-\text{O-}$	
FLK-357	Polyurethane [Diphenylmethane diisocyanate/ethylene glycol ; MDI/EG]	$\left[\text{NH}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{NH}-\text{C}(=\text{O})-\text{O}-(\text{CH}_2)_2-\text{O-} \right]_n$	
FLK-358	Polyurethane [Diphenylmethane diisocyanate/propanediol ; MDI/PD(Propanediol)]	$\left[\text{NH}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{NH}-\text{C}(=\text{O})-\text{O}-(\text{CH}_2)_3-\text{O-} \right]_n$	
FLK-359	Polyurethane [Diphenylmethane diisocyanate/butanediol ; MDI/BD]	$\left[\text{NH}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{NH}-\text{C}(=\text{O})-\text{O}-(\text{CH}_2)_4-\text{O-} \right]_n$	
FLK-360	Polyurethane [Diphenylmethane diisocyanate/pentanediol ; MDI/PD(Pentanediol)]	$\left[\text{NH}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{NH}-\text{C}(=\text{O})-\text{O}-(\text{CH}_2)_5-\text{O-} \right]_n$	

FLK-361	Polyurethane [Diphenylmethane diisocyanate/methylpentanediol ; MDI/Mp]		
FLK-362	Polyurethane [Diphenylmethane diisocyanate/hexanediol ; MDI/HD]		
FLK-363	Polyurethane [Diphenylmethane diisocyanate/nonanediol ; MDI/ND]		
FLK-364	Polyurethane [Diphenylmethane diisocyanate/butanediol/poly(ethylene/propylene adipate) ; MDI/BD/PEPA]	PEPA PEPA A = $-(CH_2)_4-O-$	
FLK-365	Polyurethane [Diphenylmethane diisocyanate/butanediol/poly(nonylene/octylene/butylene adipate) ; MDI/BD/PNOBA(5:4:1)]	A = $-(CH_2)_4-O-$	
FLK-366	Polyurethane [Diphenylmethane diisocyanate/ethylenediamine/poly(ethylene/butylene adipate) ; MDI/EDA/PEBA]	PEBA A = $-N-(CH_2)_2-N-$	
FLK-367	Polyurethane [Diphenylmethane diisocyanate/butanediol/poly(ethylene adipate) ; MDI/BD/PEA]	A = $-(CH_2)_4-O-$	
FLK-368	Poly(styrene-maleic anhydride-butadiene) ; SMA(High impact) [Styrene-MAN-Butadiene]		
FLK-369	Poly(styrene-co-maleic anhydride) ; SMA		
FLK-370	Poly(ethylene-maleic anhydride) ; EMA		
FLK-371	Poly(isobutylene-maleic anhydride)		
FLK-372	Methyl methacrylate-maleic anhydride-norbornene ; MMA-MAN-Norbornene		
FLK-373	Sodium alginate		
FLK-374	Carboxymethyl cellulose ; CMC	R = H CH₂COOH	

FLK-375	Cellulose acetate butylate ; CAB	 $\left[\text{C}_6\text{H}_7\text{O}_5(\text{OR})_3 \right]_n$ $\text{R} = \text{H}, \text{COCH}_3, \text{COC}_3\text{H}_7$	
FLK-376	Cellulose acetate propionate ; CAP	 $\left[\text{C}_6\text{H}_7\text{O}_5(\text{OR})_3 \right]_n$ $\text{R} = \text{H}, \text{COCH}_3, \text{COC}_2\text{H}_5$	
FLK-377	Cellulose diacetate	 $\left[\text{C}_6\text{H}_7\text{O}_5(\text{OR})_3 \right]_n$ $\text{R} = \text{H}, \text{COCH}_3$	
FLK-378	Cellulose triacetate ; CTA	 $\left[\text{C}_6\text{H}_5\text{O}_5(\text{OR})_3 \right]_n$ $\text{R} = \text{COCH}_3$	
FLK-379	Chitosan hydrogen chloride salt	 $\left[\text{C}_6\text{H}_7\text{NO}_4 \right]_n \text{HCl}$	
FLK-380	Ethyl cellulose	 $\left[\text{C}_6\text{H}_7\text{O}_5(\text{OR})_3 \right]_n$ $\text{R} = \text{H}, \text{C}_2\text{H}_5$	
FLK-381	Hydroxypropyl cellulose ; HPC	 $\left[\text{C}_6\text{H}_7\text{O}_5(\text{OR})_3 \right]_n$ $\text{R} = \text{H}, \text{CH}_2\text{CH}(\text{OH})\text{CH}_3$	
FLK-382	Brominated phenoxy resin	 $\left[\text{O}-\text{C}_6\text{H}_3(\text{Br})_x(\text{CH}_3)_2-\text{O}-\text{CH}_2-\text{CH}(\text{OH})-\text{CH}_2 \right]_n$	
FLK-383	Poly(2-ethyl-2-oxazoline)	 $\left[\text{C}_4\text{H}_6\text{N}_2\text{O} \right]_n$	
FLK-384	Polyketone [Poly(ethylene-alt-carbon monooxide)]	 $\left[\text{C}_2\text{H}_4-\text{C}=\text{O} \right]_n$	
FLK-385	Ethylene-methyl methacrylate copolymer ; EMMA [MMA; 5%]	 $\left[\text{C}_2\text{H}_4-\text{C}(\text{CH}_3)(\text{CO}_2\text{CH}_3) \right]_{0.05} \left[\text{C}_2\text{H}_4 \right]_{0.95}$	
FLK-386	Ethylene-methyl methacrylate copolymer ; EMMA [MMA; 10%]	 $\left[\text{C}_2\text{H}_4-\text{C}(\text{CH}_3)(\text{CO}_2\text{CH}_3) \right]_{0.1} \left[\text{C}_2\text{H}_4 \right]_{0.9}$	
FLK-387	Ethylene-methyl methacrylate copolymer ; EMMA [MMA; 20%]	 $\left[\text{C}_2\text{H}_4-\text{C}(\text{CH}_3)(\text{CO}_2\text{CH}_3) \right]_{0.2} \left[\text{C}_2\text{H}_4 \right]_{0.8}$	
FLK-388	Sodium ionomer of ethylene-methacrylic acid copolymer ; Na-EMA	 $\left[\text{C}_2\text{H}_4-\text{C}(\text{CH}_3)(\text{CO}_2\text{Na}) \right]_n \left[\text{C}_2\text{H}_4 \right]_m$ $\text{R} = \text{H or Na}$	

FLK-389	Zinc ionomer of ethylene-methacrylic acid copolymer ; Zn-EMA	$\left[\begin{array}{c} \text{H}_2 \quad \text{H}_2 \\ \quad \\ \text{---C---C---} \end{array} \right]_m \left[\begin{array}{c} \text{H}_2 \quad \text{CH}_3 \\ \quad \\ \text{C---C---} \\ \\ \text{O} \\ \\ \text{OR} \end{array} \right]_n \quad \text{R} = \text{H or } 1/2 \text{ Zn}$	
FLK-390	Ethylene-butyl acrylate copolymer ; EBA [BA; 17%]	$\left[\begin{array}{c} \text{H}_2 \quad \text{H}_2 \\ \quad \\ \text{---C---C---} \end{array} \right]_{0.83} \left[\begin{array}{c} \text{H}_2 \quad \text{H} \\ \quad \\ \text{C---C---} \\ \\ \text{O} \\ \\ \text{OC}_4\text{H}_9 \end{array} \right]_{0.17}$	
FLK-391	Ethylene-butyl acrylate copolymer ; EBA [BA; 35%]	$\left[\begin{array}{c} \text{H}_2 \quad \text{H}_2 \\ \quad \\ \text{---C---C---} \end{array} \right]_{0.65} \left[\begin{array}{c} \text{H}_2 \quad \text{H} \\ \quad \\ \text{C---C---} \\ \\ \text{O} \\ \\ \text{OC}_4\text{H}_9 \end{array} \right]_{0.35}$	
FLK-392	Ethylene-vinyl acetate-maleic anhydride terpolymer	$\left[\begin{array}{c} \text{H}_2 \quad \text{H}_2 \\ \quad \\ \text{---C---C---} \end{array} \right]_1 \left[\begin{array}{c} \text{H}_2 \quad \text{H} \\ \quad \\ \text{C---C---} \\ \\ \text{O} \\ \\ \text{CH}_3 \end{array} \right]_m \left[\begin{array}{c} \text{O} \quad \text{O} \\ // \quad // \\ \text{C} \quad \text{C} \\ \backslash \quad / \\ \text{O} \end{array} \right]_n$	
FLK-393	Ethylene-vinylsilane copolymer ; PEXb [crosslinked]	$\left[\begin{array}{c} \text{H}_2 \quad \text{H}_2 \\ \quad \\ \text{---C---C---} \end{array} \right]_m \left[\begin{array}{c} \text{H}_2 \quad \text{H} \\ \quad \\ \text{C---C---} \\ \\ \text{Si} \\ \quad \quad \\ \text{HO} \quad \text{OH} \quad \text{OH} \end{array} \right]_n$	
FLK-394	Low crystallinity polypropylene [metallocene catalyst]	$\text{---} \left[\text{CH}_2 \text{CH}(\text{CH}_3) \right]_n \text{---}$	
FLK-395	Ethylene-norbornene copolymer [E; 52 mol%]	$\left[\begin{array}{c} \text{H}_2 \quad \text{H}_2 \\ \quad \\ \text{---C---C---} \end{array} \right]_{0.52} \left[\begin{array}{c} \text{---} \end{array} \right]_{0.48}$	
FLK-396	Ethylene-norbornene copolymer [E; 39 mol% E]	$\left[\begin{array}{c} \text{H}_2 \quad \text{H}_2 \\ \quad \\ \text{---C---C---} \end{array} \right]_{0.39} \left[\begin{array}{c} \text{---} \end{array} \right]_{0.61}$	
FLK-397	Ethylene-norbornene copolymer [E; 67 mol%]	$\left[\begin{array}{c} \text{H}_2 \quad \text{H}_2 \\ \quad \\ \text{---C---C---} \end{array} \right]_{0.67} \left[\begin{array}{c} \text{---} \end{array} \right]_{0.33}$	
FLK-398	Ethylene-tetracyclododecene copolymer	$\left[\begin{array}{c} \text{H}_2 \quad \text{H}_2 \\ \quad \\ \text{---C---C---} \end{array} \right]_m \left[\begin{array}{c} \text{---} \end{array} \right]_n$	
FLK-399	Polyoctadecene-1	$\left[\begin{array}{c} \text{H}_2 \quad \text{H} \\ \quad \\ \text{---C---C---} \\ \\ \text{C}_{16}\text{H}_{33} \end{array} \right]_n$	
FLK-400	Polytetraicosene-1	$\left[\begin{array}{c} \text{H}_2 \quad \text{H} \\ \quad \\ \text{---C---C---} \\ \\ \text{C}_{22}\text{H}_{45} \end{array} \right]_n$	
FLK-401	Polyglycolic acid ; PGA	$\left[\text{O---CH}_2\text{---C(=O)} \right]_n$	
FLK-402	Poly(lactic acid) ; PLA [stereocomplex]	$\left[\text{O---CH(CH}_3\text{)---C(=O)} \right]_n$	
FLK-403	Polyester(terephthalic acid:isophthalic acid:ethylene glycol:neopentyl glycol) ; TPA/IPA-EG/NPG	$\left[\text{O---A---O---C(=O)---B---C(=O)} \right]_n$ $\text{A} = \text{---}(\text{CH}_2)_2\text{O}(\text{CH}_2)_2\text{---}$ $\text{B} = \text{---}$	
FLK-404	Polyester(isophthalic acid:sodium 5-sulfoisophthalic acid:diethylene glycol:cyclohexane dimethanol) ; IPA/SIPA-DEG/CHDM	$\left[\text{O---A---O---C(=O)---B---C(=O)} \right]_n$ $\text{A} = \text{---}(\text{CH}_2)_2\text{O}(\text{CH}_2)_2\text{---}$ $\text{B} = \text{---}$	

FLK-405	Polyester(terephthalic acid:sebacic acid:ethylene glycol:neopentyl glycol); TPA/SebA-EG/NPG	$\left[\text{O}-\text{A}-\text{O}-\text{C}(=\text{O})-\text{B}-\text{C}(=\text{O}) \right]_n$ $\text{A} = \begin{array}{c} \text{---}(\text{CH}_2)_2\text{---} \\ \\ \text{CH}_3 \end{array}$ $\text{B} = \begin{array}{c} \text{---}(\text{CH}_2)_6\text{---} \\ \\ \text{---}(\text{CH}_2)_6\text{---} \end{array}$	
FLK-406	Polyester(terephthalic acid:isophthalic acid:trimellitic anhydride:ethylene glycol:diethylene glycol:neopentyl glycol); TPA/IPA/TMA-EG/DEG/NPG	$\left[\text{O}-\text{A}-\text{O}-\text{C}(=\text{O})-\text{B}-\text{C}(=\text{O}) \right]_n$ $\text{A} = \begin{array}{c} \text{---}(\text{CH}_2)_2\text{---} \\ \\ \text{CH}_3 \end{array}$ $\text{B} = \begin{array}{c} \text{---}(\text{CH}_2)_2\text{O}(\text{CH}_2)_2\text{---} \\ \\ \text{---}(\text{CH}_2)_6\text{---} \end{array}$	
FLK-407	Polyester(terephthalic acid:isophthalic acid:sodium 5-sulfoisophthalic acid:ethylene glycol:diethylene glycol); TPA/IPA/SIPA-EG/DEG	$\left[\text{O}-\text{A}-\text{O}-\text{C}(=\text{O})-\text{B}-\text{C}(=\text{O}) \right]_n$ $\text{A} = \begin{array}{c} \text{---}(\text{CH}_2)_2\text{---} \\ \\ \text{---}(\text{CH}_2)_2\text{O}(\text{CH}_2)_2\text{---} \end{array}$ $\text{B} = \begin{array}{c} \text{---}(\text{CH}_2)_2\text{O}(\text{CH}_2)_2\text{O}(\text{CH}_2)_2\text{---} \\ \\ \text{SO}_3\text{Na} \end{array}$	
FLK-408	Polyester(terephthalic acid:ethylene glycol:cyclohexane dimethanol:diethylene glycol:triethylene glycol:neopentyl glycol); TPA-EG/CHDM/DEG/TEG	$\left[\text{O}-\text{A}-\text{O}-\text{C}(=\text{O})-\text{B}-\text{C}(=\text{O}) \right]_n$ $\text{A} = \begin{array}{c} \text{---}(\text{CH}_2)_2\text{---} \\ \\ \text{---}(\text{CH}_2)_2\text{O}(\text{CH}_2)_2\text{---} \end{array}$ $\text{B} = \begin{array}{c} \text{---}(\text{CH}_2)_2\text{O}(\text{CH}_2)_2\text{O}(\text{CH}_2)_2\text{---} \\ \\ \text{CH}_3 \end{array}$	
FLK-409	Polyester(terephthalic acid:butanediol:poly tetramethylene ether glycol); TPA-BG/PTMG	$\left[\text{O}-\text{A}-\text{O}-\text{C}(=\text{O})-\text{B}-\text{C}(=\text{O}) \right]_n$ $\text{A} = \begin{array}{c} \text{---}(\text{CH}_2)_4\text{O---} \\ \\ \text{---}(\text{CH}_2)_4\text{O---} \end{array}$	
FLK-410	Modified ethylene-vinyl alcohol copolymer; Modified EVOH	$\left[\text{---}\text{CH}_2\text{---}\text{CH}_2\text{---} \right]_m \left[\text{---}\text{CH}_2\text{---}\text{CH}(\text{OH})\text{---} \right]_n$	
FLK-411	Poly(hexamethylenediamine-azelaic acid); Nylon 69; PA69	$\left[\text{---}\text{NH---}(\text{CH}_2)_6\text{---}\text{NH---}\text{C}(=\text{O})\text{---}(\text{CH}_2)_7\text{---}\text{C}(=\text{O})\text{---} \right]_n$	
FLK-412	Poly(hexamethylenediamine-sebacic acid); Nylon 610; PA610	$\left[\text{---}\text{NH---}(\text{CH}_2)_6\text{---}\text{NH---}\text{C}(=\text{O})\text{---}(\text{CH}_2)_8\text{---}\text{C}(=\text{O})\text{---} \right]_n$	
FLK-413	Poly(decamethylenediamine-sebacic acid); Nylon 1010; PA1010	$\left[\text{---}\text{NH---}(\text{CH}_2)_{10}\text{---}\text{NH---}\text{C}(=\text{O})\text{---}(\text{CH}_2)_8\text{---}\text{C}(=\text{O})\text{---} \right]_n$	
FLK-414	Polycaprolactam-co-poly(hexamethylenediamine-adipic acid); Nylon 6/66 copolymer; PA6/66 copolymer	$\left[\text{---}\text{NH---}(\text{CH}_2)_5\text{---}\text{C}(=\text{O})\text{---} \right]_m \left[\text{---}\text{NH---}(\text{CH}_2)_6\text{---}\text{NH---}\text{C}(=\text{O})\text{---}(\text{CH}_2)_4\text{---}\text{C}(=\text{O})\text{---} \right]_n$	
FLK-415	Poly(hexamethylenediamine-terephthalic acid); Nylon 6T; PA6T	$\left[\text{---}\text{NH---}(\text{CH}_2)_6\text{---}\text{NH---}\text{C}(=\text{O})\text{---}\text{C}_6\text{H}_4\text{---}\text{C}(=\text{O})\text{---} \right]_n$	
FLK-416	Poly(nonamethylenediamine-terephthalic acid); Nylon 9T; PA9T	$\left[\text{---}\text{NH---}(\text{CH}_2)_9\text{---}\text{NH---}\text{C}(=\text{O})\text{---}\text{C}_6\text{H}_4\text{---}\text{C}(=\text{O})\text{---} \right]_n$	
FLK-417	Poly(decamethylenediamine-terephthalic acid); Nylon 10T; PA10T	$\left[\text{---}\text{NH---}(\text{CH}_2)_{10}\text{---}\text{NH---}\text{C}(=\text{O})\text{---}\text{C}_6\text{H}_4\text{---}\text{C}(=\text{O})\text{---} \right]_n$	
FLK-418	Poly(trimethylhexamethylenediamine-terephthalic acid); Nylon 6-3-T; PA6-3-T	$\left[\text{---}\text{NH---}\text{CH}_2\text{---}\text{C}(\text{CH}_3)_2\text{---}\text{CH}_2\text{---}\text{CH}_2\text{---}\text{CH}_2\text{---}\text{NH---}\text{C}(=\text{O})\text{---}\text{C}_6\text{H}_4\text{---}\text{C}(=\text{O})\text{---} \right]_n$	
FLK-419	Poly(hexamethylenediamine-terephthalic acid/isophthalic acid); Nylon 6T/6I copolymer; PA6T/6I copolymer	$\left[\text{---}\text{NH---}(\text{CH}_2)_6\text{---}\text{NH---}\text{A---} \right]_n$ $\text{A} = \begin{array}{c} \text{---}\text{C}(=\text{O})\text{---}\text{C}_6\text{H}_4\text{---}\text{C}(=\text{O})\text{---} \\ \\ \text{---}\text{C}(=\text{O})\text{---}\text{C}_6\text{H}_3\text{---}\text{C}(=\text{O})\text{---} \end{array}$	
FLK-420	Poly(hexamethylenediamine-terephthalic acid/isophthalic acid/adipic acid); Nylon 6T/6I/66 copolymer; PA 6T/6I/6 copolymer	$\left[\text{---}\text{NH---}(\text{CH}_2)_6\text{---}\text{NH---}\text{A---} \right]_n$ $\text{A} = \begin{array}{c} \text{---}\text{C}(=\text{O})\text{---}\text{C}_6\text{H}_4\text{---}\text{C}(=\text{O})\text{---} \\ \\ \text{---}\text{C}(=\text{O})\text{---}(\text{CH}_2)_4\text{---}\text{C}(=\text{O})\text{---} \end{array}$	

FLK-421	Poly(4,4'-methylenebis(cyclohexylamine)-dodecanedioic acid) ; PA PACM12		
FLK-422	Poly-p-phenyleneterephthalamide ; Kevlar		
FLK-423	Poly-m-phenyleneisophthalamide ; Nomex		
FLK-424	Polydicyclopentadiene ; PDCPD [crosslinked]		
FLK-425	Poly(p-xylylene) ; Parylene N		
FLK-426	Chlorinated poly(p-xylylene) ; Parylene C		
FLK-427	Fluorinated poly(p-xylylene) ; Parylene HT		
FLK-428	Ethylene-propylene-diene rubber ; EPDM [metallocene cat.]		
FLK-429	Epichlorohydrin rubber (homopolymer) ; Epichlorohydrin CO ; ECH		
FLK-430	Epichlorohydrin-ethylene oxide copolymer ; Epichlorohydrin ECO ; ECH/EO		
FLK-431	Epichlorohydrin-ethylene oxide-allyl glycidyl ether terpolymer ; Epichlorohydrin GECO ; ECH/EO/AGE ;		
FLK-432	Olefin-base Thermoplastic Elastomer [metallocene cat.]		
FLK-433	Olefin-base Thermoplastic Elastomer		
FLK-434	High-density polyethylene ; HDPE [Cr-catalyst, 1.0Ml@0.960D]		
FLK-435	Ethylene/methyl acrylate/glycidyl methacrylate terpolymer ; E/MA/GMA [68/24/8]		
FLK-436	Ethylene/methyl acrylate/maleic anhydride terpolymer ; E/MA/MAH [81.9/15/3.1]		

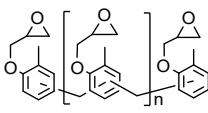
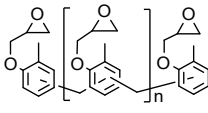
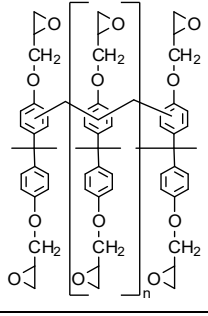
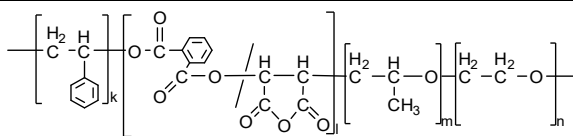
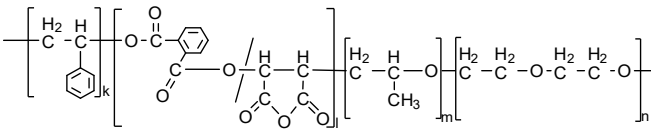
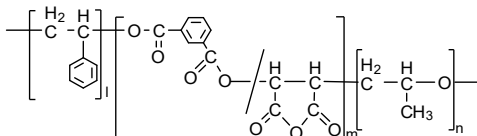
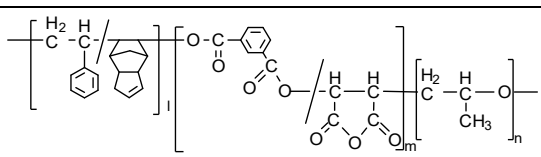
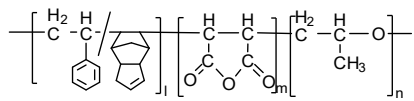
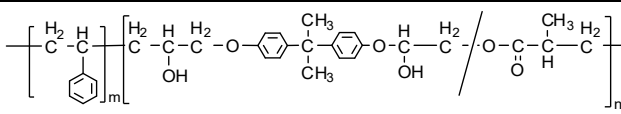
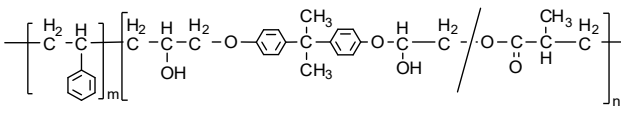
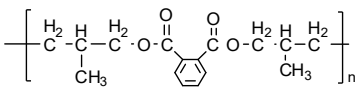
FLK-437	Ethylene/ethyl acrylate/maleic anhydride terpolymer ; E/EA/MAH [90.7/6.5/2.8]		
FLK-438	Ethylene/butyl acrylate/maleic anhydride terpolymer ; E/BA/MAH [90.9/6/3.1]		
FLK-439	Ethylene/glycidyl methacrylate copolymer ; E/GMA [92/8]		
FLK-440	Ethylene/acrylic acid ; E/AA [20wt% AA] ; EAA		
FLK-441	Ethylene/vinyl acetate maleic anhydride grafted ; EVAc-g-MAH		
FLK-442	Polypropylene ; PP [syndiotactic]		
FLK-443	Chlorinated polypropylene ; Cl-PP [isotactic]		
FLK-444	Polypropylene maleic anhydride grafted ; PP-g-MAH		
FLK-445	Poly(4-methyl-1-pentene)/polyamide ; PMP/PA		
FLK-446	Polynorbornene ; PNBE [Tg 163C]		
FLK-447	Polynorbornene ; PNBE [Tg 136C]		
FLK-448	Ethylene-tetracyclododecene copolymer ; E/TCD		
FLK-449	Transparent-high impact polystyrene ; styrene-butadiene block copolymer		
FLK-450	N-Phenylmaleimide modified acrylonitrile-butadiene-styrene resin ; N-Phenylmaleimide modified ABS		
FLK-451	Acrylonitrile-chlorinated polyethylene-styrene ; ACS		
FLK-452	Methyl methacrylate/styrene ; MAS ; MS		
FLK-453	Methyl methacrylate-butadiene-styrene terpolymer ; MBS		

FLK-454	Styrene-maleic anhydride copolymer ; S/MAH		
FLK-455	N-Phenylmaleimide -styrene copolymer		
FLK-456	N-Phenylmaleimide -styrene-acrylonitrile terpolymer		
FLK-457	N-Phenylmaleimide -methyl methacrylate-styrene terpolymer		
FLK-458	Maleic anhydride grafted polystyrene ; PS-g-MAH		
FLK-469	Ethylene-vinyl acetate polyvinyl chloride grafted ; EVAc-g-PVC		
FLK-476	Tetrafluoroethylene-hexafluoropropylene ; TFE/HFP		
FLK-477	Poly(chloro trifluoroethylene) ; PCTFE		
FLK-478	Ethylene-chloro trifluoroethylene ; E/CTFE		
FLK-479	Polyvinyl fluoride ; PVF		
FLK-486	Butenediol-vinyl alcohol copolymer ; BVOH		
FLK-488	Polyvinyl acetate ; PVAc		
FLK-491	Regenerated cellulose ; Rayon		
FLK-492	Cellulose propionate ; CP		
FLK-493	Nitrocellulose		
FLK-494	Regenerated cellulose ; cellophane [glycerin blend]		
FLK-496	Polyoxymethylene ; polyacetal ; POM		
FLK-497	Polyphenylene ether-polystyrene alloy ; PPE/PS		
FLK-498	Phenoxy resin [bisphenol A type]		

FLK-499	Poly-DL-lactic acid ; PDLLA	$\left[\text{HC} \begin{array}{c} \text{O} \\ \parallel \\ \text{CH} - \text{O} \end{array} \text{CH}_3 \right]_n$	
FLK-501	Silicone modified polycarbonate ; PDMS-modified PC	$\left[\text{C}_6\text{H}_4 - \text{C}(\text{CH}_3)_2 - \text{C}_6\text{H}_4 - \text{O} - \text{C}(=\text{O}) - \text{O} \right]_n$ modified $\left[\text{Si} - \text{O} \right]_n$	
FLK-502	Polypropylene carbonate ; PPC	$\left[\text{CH}_2 - \text{CH}(\text{CH}_3) - \text{O} - \text{C}(=\text{O}) - \text{O} \right]_n$	
FLK-503	Polyethylene terephthalate ; PET	$\left[\text{O} - \text{C}(=\text{O}) - \text{C}_6\text{H}_4 - \text{C}(=\text{O}) - \text{O} - (\text{CH}_2)_2 \right]_n$	
FLK-504	Spiroglycol modified polyethylene terephthalate ; SPG-modified PET	$\left[\text{O} - \text{C}(=\text{O}) - \text{C}_6\text{H}_4 - \text{C}(=\text{O}) - \text{O} - (\text{CH}_2)_2 \right]_n$ modified $\text{HO} - \text{CH}_2 - \text{C}(\text{CH}_3)_2 - \text{O} - \text{C}_6\text{H}_4 - \text{O} - \text{C}(\text{CH}_3)_2 - \text{CH}_2 - \text{OH}$	
FLK-505	Cyclic polybutylene terephthalate ; Cyclic PBT	cyclic $\left[\text{O} - \text{C}(=\text{O}) - \text{C}_6\text{H}_4 - \text{C}(=\text{O}) - \text{O} - (\text{CH}_2)_4 \right]_n$	
FLK-506	Ethylene glycol modified polycyclohexylenedimethylene terephthalate ; EG-modified PCT [EG<50%]	$\left[\text{O} - \text{CH}_2 - \text{C}_6\text{H}_{10} - \text{CH}_2 - \text{O} - \text{C}(=\text{O}) - \text{C}_6\text{H}_4 - \text{C}(=\text{O}) - \text{O} \right]_n$ modified $\text{HO} - \text{CH}_2 - \text{CH}_2 - \text{OH}$	
FLK-507	Cyclobutanediol modified Polycyclohexylenedimethylene terephthalate ; CBD-modified PCT	$\left[\text{O} - \text{CH}_2 - \text{C}_6\text{H}_{10} - \text{CH}_2 - \text{O} - \text{C}(=\text{O}) - \text{C}_6\text{H}_4 - \text{C}(=\text{O}) - \text{O} \right]_n$ modified $\text{HO} - \text{C}_4\text{H}_6 - \text{OH}$	
FLK-508	Cyclohexane dicarboxylic acid:bisphenoxyethanol fluorene ; CHDA:BPEF ; OKP		
FLK-509	Poly(p-hydroxybenzoic acid) ; P4HBA	$\left[\text{O} - \text{C}_6\text{H}_4 - \text{C}(=\text{O}) \right]_n$	
FLK-510	p-Hydroxybenzoic acid-biphenol-terephthalic acid terpolymer ; LCP I	$\left[\text{O} - \text{C}_6\text{H}_4 - \text{C}(=\text{O}) \right]_l \left[\text{O} - \text{C}_6\text{H}_4 - \text{C}_6\text{H}_4 - \text{O} \right]_m \left[\text{O} - \text{C}(=\text{O}) - \text{C}_6\text{H}_4 - \text{C}(=\text{O}) \right]_n$	
FLK-511	p-Hydroxybenzoic acid-6-hydroxy-2-naphthoic acid copolymer ; LCP II	$\left[\text{O} - \text{C}_6\text{H}_4 - \text{C}(=\text{O}) \right]_l \left[\text{O} - \text{C}_6\text{H}_3(\text{OH}) - \text{C}(=\text{O}) \right]_m$	
FLK-512	Polyarylate-polycarbonate alloy ; Polyarylate/PC alloy	$\left[\text{O} - \text{C}_6\text{H}_4 - \text{C}(\text{CH}_3)_2 - \text{C}_6\text{H}_4 - \text{O} - \text{C}(=\text{O}) - \text{C}_6\text{H}_4 - \text{C}(=\text{O}) \right]_m \left[\text{C}_6\text{H}_4 - \text{C}(\text{CH}_3)_2 - \text{C}_6\text{H}_4 - \text{O} - \text{C}(=\text{O}) - \text{O} \right]_n$	
FLK-513	Polyarylate-polyethylene terephthalate alloy ; Polyarylate/PET alloy	$\left[\text{O} - \text{C}_6\text{H}_4 - \text{C}(\text{CH}_3)_2 - \text{C}_6\text{H}_4 - \text{O} - \text{C}(=\text{O}) - \text{C}_6\text{H}_4 - \text{C}(=\text{O}) \right]_m \left[\text{O} - \text{C}(=\text{O}) - \text{C}_6\text{H}_4 - \text{C}(=\text{O}) - \text{O} - (\text{CH}_2)_2 \right]_n$	
FLK-514	Polyarylate-polyamide 6 alloy ; Polyarylate/PA6 alloy	$\left[\text{O} - \text{C}_6\text{H}_4 - \text{C}(\text{CH}_3)_2 - \text{C}_6\text{H}_4 - \text{O} - \text{C}(=\text{O}) - \text{C}_6\text{H}_4 - \text{C}(=\text{O}) \right]_m \left[\text{NH} - (\text{CH}_2)_5 - \text{C}(=\text{O}) \right]_n$	
FLK-515	Polyetherketone ; PEK	$\left[\text{O} - \text{C}_6\text{H}_4 - \text{C}(=\text{O}) - \text{C}_6\text{H}_4 \right]_n$	
FLK-516	Polyetherketoneketone ; PEKK [crystalline]	$\left[\text{C}_6\text{H}_4 - \text{O} - \text{C}_6\text{H}_4 - \text{C}(=\text{O}) - \text{C}_6\text{H}_4 - \text{C}(=\text{O}) \right]_n$	
FLK-517	Polyetherketoneketone ; PEKK [amorphous]	$\left[\text{C}_6\text{H}_4 - \text{O} - \text{C}_6\text{H}_4 - \text{C}(=\text{O}) - \text{C}_6\text{H}_4 - \text{C}(=\text{O}) \right]_n$	
FLK-518	Poly(undecanoamide) ; Polyamide 11 ; Nylon 11 ; PA11	$\left[\text{H} - (\text{CH}_2)_{10} - \text{C}(=\text{O}) \right]_n$	
FLK-519	Poly(dodecanoamide) ; Polyamide 12 ; Nylon 12 ; PA12	$\left[\text{H} - (\text{CH}_2)_{11} - \text{C}(=\text{O}) \right]_n$	
FLK-520	Poly(hexamethylene dodecanediamide) ; Polyamide 6-12 ; PA6-12	$\left[\text{H} - (\text{CH}_2)_6 - \text{NH} - \text{C}(=\text{O}) - (\text{CH}_2)_{10} - \text{C}(=\text{O}) \right]_n$	
FLK-521	Poly(decamethylene dodecanediamide) ; Polyamide 10-12 ; PA10-12	$\left[\text{H} - (\text{CH}_2)_{10} - \text{NH} - \text{C}(=\text{O}) - (\text{CH}_2)_{10} - \text{C}(=\text{O}) \right]_n$	

FLK-522	Poly(dodecamethylenediamine-dodecanedioic acid) ; Nylon 12-12 ; PA12-12		
FLK-526	Poly-p-phenyleneterephthalamide modified		
FLK-527	p-Phenylene/3,4'-oxydiphenylene terephthalamide copolyamide		
FLK-528	Dimeric acid polyamide		
FLK-530	Polypyromellitimide ; poly(4,4'-oxydiphenylene-pyromellitimide) ; Kapton		
FLK-531	Polypyromellitimide [thermoplastic]		
FLK-532	Poly(biphenyltetracarboxyl dianhydride-p-phenylenediamine) ; BPDA-PDA		
FLK-533	Poly(biphenyltetracarboxyl dianhydride-4,4'-oxydianiline) ; BPDA-ODA		
FLK-534	Polyetherimide ; PEI		
FLK-535	Poly(p-phenylene-2,6-benzobisoxazole) ; Zylon		
FLK-536	Polyphenylsulfone ; PPSF ; PPSU		
FLK-537	Polyphenylene sulfide ; PPS [linear]		
FLK-538	Novolac ; phenol-formaldehyde resin ; PF [HMT]		
FLK-539	Resole ; phenol-formaldehyde resin ; PF [phosphoric acid catalyzed]		
FLK-540	Benzoxazine resin [BPF type]		
FLK-541	Furan resin ; furfuryl alcohol-formaldehyde resin		
FLK-542	Urea-formaldehyde resin ; UF		
FLK-543	Melamine resin ; melamine-formaldehyde resin		
FLK-544	Melamine/urea-formaldehyde resin [7:3]		
FLK-545	Urea-melamine-phenol-formaldehyde resin [6:3:1]		
FLK-546	Bisphenol A diglycidyl ether ; BADGE ; DGEBA		

FLK-547	Bisphenol A epoxy resin [prepolymer, solid]		
FLK-548	Bisphenol A epoxy resin [amine type hardner]		
FLK-549	Bisphenol A epoxy resin [methyltetrahydrophthalic anhydride type hardner]		
FLK-550	Bisphenol A epoxy resin [catalytic polymerized]		
FLK-551	Bisphenol F epoxy resin [prepolymer]		
FLK-552	Bisphenol F epoxy resin [amine type hardner]		
FLK-553	Bisphenol F epoxy resin [anhydride type hardner]		
FLK-554	Bisphenol F epoxy resin [catalytic polymerized]		
FLK-555	Brominated bisphenol A epoxy resin [prepolymer]		
FLK-556	Hydrogenated bisphenol A epoxy resin [prepolymer]		
FLK-557	Hydrogenated bisphenol A epoxy resin [amine type hardner]		
FLK-558	Hydrogenated bisphenol A epoxy resin [anhydride type hardner]		
FLK-559	Hydrogenated bisphenol A epoxy resin [catalytic polymerized]		
FLK-560	Biphenyl type epoxy resin [prepolymer]		
FLK-561	Biphenyl type epoxy resin [amine type hardner]		
FLK-562	Biphenyl type epoxy resin [anhydride type hardner]		
FLK-563	Biphenyl type epoxy resin [catalytic polymerized]		
FLK-564	Fluorene based epoxy resin [prepolymer]		
FLK-565	Epoxy phenol novolac ; EPN [prepolymer]		
FLK-566	Epoxy o-cresol novolac ; ECN [prepolymer]		
FLK-567	Epoxy o-cresol novolac ; ECN [amine type hardner]		

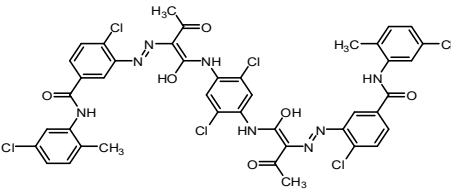
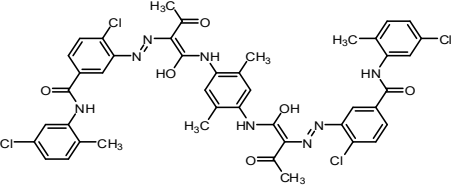
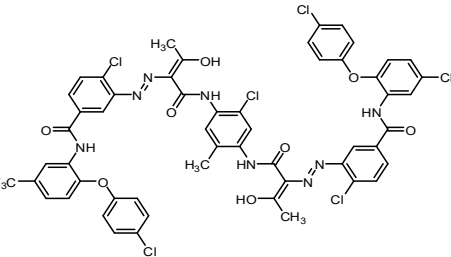
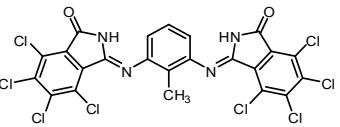
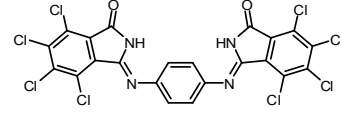
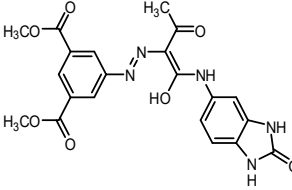
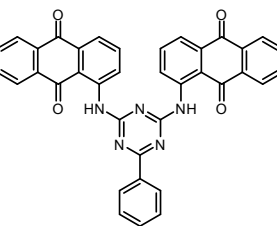
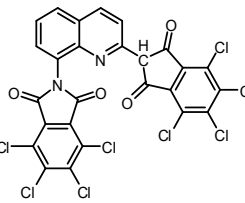
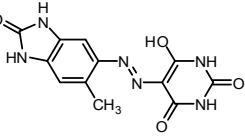
FLK-568	Epoxy o-cresol novolac ; ECN [anhydride type hardner]		
FLK-569	Epoxy o-cresol novolac ; ECN [catalytic polymerized]		
FLK-570	Epoxy bisphenol A novolac [prepolymer]		
FLK-571	Tetraphenylol ethane epoxy resin [prepolymer]		
FLK-572	Tetraglycidyl diaminodiphenyl methane based epoxy resin		
FLK-573	Styrene-orthophthalic polyester resin ; styrene-phthalic acid/maleic acid- propylene glycol-ethylene glycol ; S- PA/MA/PG/EG		
FLK-574	Styrene-orthophthalic polyester resin ; styrene-phthalic acid/maleic acid- propylene glycol-diethylene glycol ; S- PA/MA/PG/DEG		
FLK-575	Styrene-isophthalic polyester resin ; styrene-isophthalic acid/maleic acid- propylene glycol ; S-IPA/MA/PG		
FLK-576	Styrene/dicyclopentadiene-isophthalic polyester resin ; styrene/DCPD- isophthalic acid/maleic acid-propylene glycol ; S/DCPD-IPA/MA/PG		
FLK-577	Styrene/dicyclopentadiene-maleic polyester resin ; styrene/DCPD-maleic acid-propylene glycol ; S/DCPD- IPA/PG		
FLK-578	Styrene-vinyl ester resin ; styrene- bisphenol A epoxy/methacrylic acid		
FLK-579	Styrene-vinyl ester resin ; styrene- bisphenol A epoxy/methacrylic acid		
FLK-580	Styrene-vinyl ester resin ; styrene- epoxy phenol novolac/methacrylic acid		
FLK-581	Styrene-vinyl ester resin ; styrene- bisphenol A epoxy/epoxy phenol novolac/methacrylic acid		
FLK-582	Styrene-isophthalic polyester/vinyl ester resin ; styrene-isophthalic acid/maleic acid/propylene glycol- bisphenol A epoxy/methacrylic acid		
FLK-583	Diallyl phthalate resin ; DAP		

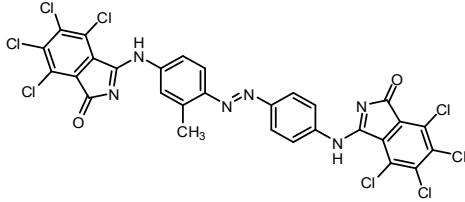
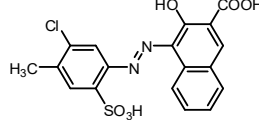
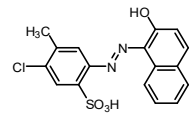
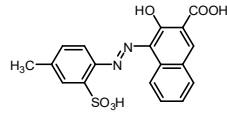
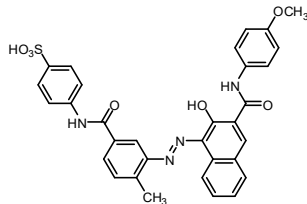
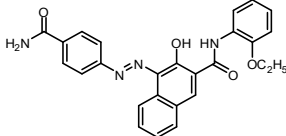
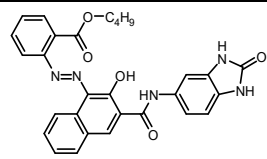
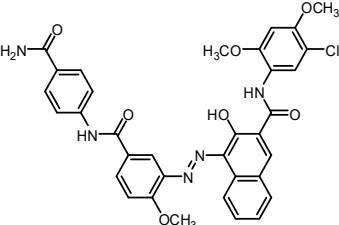
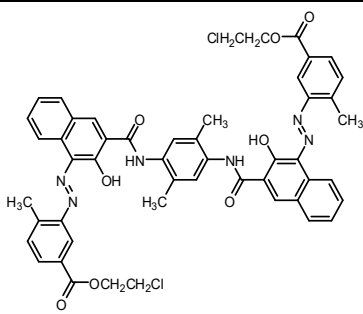
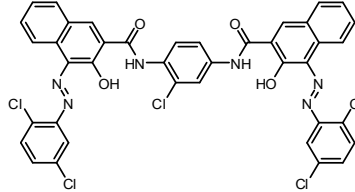
FLK-584	Diallyl isophthalate resin ; DAIP	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \begin{array}{c} \text{H} \\ \\ \text{CH}_3 \end{array} \end{array} \text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{O} \end{array} \text{C} \begin{array}{c} \text{O} \\ \\ \text{C}_6\text{H}_4 \\ \\ \text{C} \end{array} \text{O} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \begin{array}{c} \text{H} \\ \\ \text{CH}_3 \end{array} \end{array} \text{C} \right]_n$	
FLK-585	Diethylene glycol bis(allyl carbonate) resin	$\left[\text{CH}_2\text{CH}_2\text{OOCCH}_2\text{CH}_2\text{OCH}_2\text{CH}_2\text{OOCCH}_2\text{CH}_2 \right]_n$	
FLK-590	Natural rubber ; NR [vulcanized]	$\left[\text{C} \begin{array}{c} \text{CH}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{CH}_2 \\ \\ \text{C} \end{array} \right]_n$	
FLK-591	Butyl rubber ; isobutylene-isoprene rubber; IIR	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_3 \end{array} \end{array} \right]_m \left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \begin{array}{c} \text{H} \\ \\ \text{CH}_3 \end{array} \end{array} \right]_n$	
FLK-592	Chlorinated butyl rubber ; CI-IIR [1.2% Cl]	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_3 \end{array} \end{array} \right]_m \left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \begin{array}{c} \text{H} \\ \\ \text{H}_2\text{C}-\text{Cl} \end{array} \end{array} \right]_n \quad 1.2 \% \text{ Cl}$	
FLK-593	Brominated butyl rubber ; Br-IIR [2% Br]	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_3 \end{array} \end{array} \right]_m \left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \begin{array}{c} \text{H} \\ \\ \text{H}_2\text{C}-\text{Br} \end{array} \end{array} \right]_n \quad 2 \% \text{ Br}$	
FLK-595	Chloroprene rubber ; CR	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \begin{array}{c} \text{Cl} \\ \\ \text{H} \end{array} \end{array} \text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \right]_n$	
FLK-596	Nitrile rubber ; acrylonitrile-butadiene rubber ; NBR [low AN]	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \begin{array}{c} \text{H} \\ \\ \text{H} \end{array} \end{array} \text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \right]_m \left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \begin{array}{c} \text{H} \\ \\ \text{C} \equiv \text{N} \end{array} \end{array} \right]_n$	
FLK-597	Nitrile rubber ; acrylonitrile-butadiene rubber ; NBR [medium high AN, 33.5%]	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \begin{array}{c} \text{H} \\ \\ \text{H} \end{array} \end{array} \text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \right]_m \left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \begin{array}{c} \text{H} \\ \\ \text{C} \equiv \text{N} \end{array} \end{array} \right]_n$	
FLK-598	Acrylonitrile-butadiene-isoprene rubber ; NBIR	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \begin{array}{c} \text{H} \\ \\ \text{H} \end{array} \end{array} \text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \right]_l \left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \begin{array}{c} \text{H} \\ \\ \text{C} \equiv \text{N} \end{array} \end{array} \right]_m \left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \begin{array}{c} \text{H} \\ \\ \text{CH}_3 \end{array} \end{array} \right]_n$	
FLK-599	Acrylonitrile-butadiene-methacrylic acid rubber ; carboxylated NBR ; XNBR [AN 27%]	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \begin{array}{c} \text{H} \\ \\ \text{H} \end{array} \end{array} \text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \right]_l \left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \begin{array}{c} \text{H} \\ \\ \text{C} \equiv \text{N} \end{array} \end{array} \right]_m \left[\text{O} \begin{array}{c} \text{C} \begin{array}{c} \text{CH}_3 \\ \\ \text{H} \end{array} \end{array} \right]_n$	

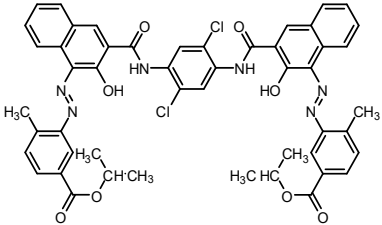
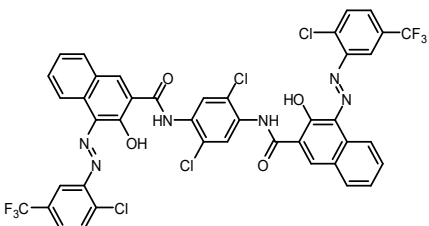
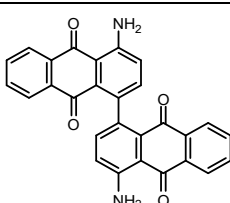
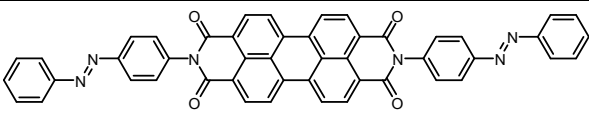
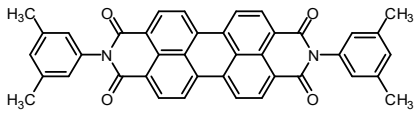
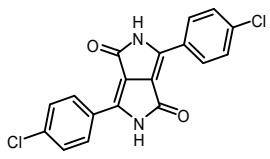
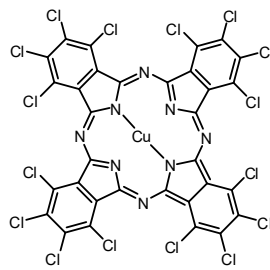
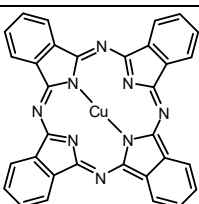
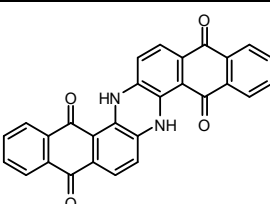
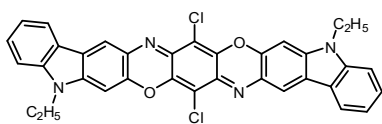
Polymer Library

Entry ID	Name	Structure Formula	Newly Added in Ver.3.8
FLK-600	Hydrogenated nitrile rubber ; HNBR [medium high AN, 36.2%]	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \right]_m \left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H} \\ \\ \text{C} \equiv \text{N} \end{array} \right]_n$	
FLK-601	Nitrile rubber-polyvinyl chloride blend ; NBR/PVC [70/30, NBR AN 33.5%]	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \right]_m \left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H} \\ \\ \text{C} \equiv \text{N} \end{array} \right]_n$ $\left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H} \\ \\ \text{Cl} \end{array} \right]_n$ blend NBR/PVC 70/30	
FLK-602	Poly(ethyl acrylate) ; PEA	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{COOCH}_2\text{CH}_3 \\ \\ \text{H} \end{array} \right]_n$	
FLK-603	Hydrogenated nitrile rubber ; HNBR [high hydration, medium high AN, 36.2%, PO crosslinked]	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \right]_m \left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H} \\ \\ \text{C} \equiv \text{N} \end{array} \right]_n$	
FLK-604	Chlorinated polyethylene ; PE-C	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \right]_m \left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H} \\ \\ \text{Cl} \end{array} \right]_n$	
FLK-605	Chlorosulfonated polyethylene ; CSM [Cl; 35%, S; 1.0%]	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H} \\ \\ \text{Cl} \end{array} \right]_l \left[\text{C} \begin{array}{c} \text{H} \\ \\ \text{SO}_2\text{Cl} \end{array} \right]_m \left[\text{C} \begin{array}{c} \text{H} \\ \\ \text{Cl} \end{array} \right]_n$	
FLK-606	Ethylene-methyl acrylate rubber ; E/MA	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \right]_m \left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H} \\ \\ \text{COOCH}_3 \end{array} \right]_n$	
FLK-607	Ethylene-vinyl acetate rubber ; EVA [E 60%]	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \right]_m \left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H} \\ \\ \text{OCOCH}_3 \end{array} \right]_n$	
FLK-608	Ethylene-vinyl acetate rubber ; EVA [VA 80%]	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \right]_m \left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H} \\ \\ \text{OCOCH}_3 \end{array} \right]_n$	
FLK-609	Vinylidene fluoride-hexafluoropropylene copolymer ; VDF/HFP	$\left[\text{C} \begin{array}{c} \text{F}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \right]_m \left[\text{C} \begin{array}{c} \text{F}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{F} \\ \\ \text{CF}_3 \end{array} \right]_n$	
FLK-610	Vinylidene fluoride-hexafluoropropylene-tetrafluoroethylene terpolymer ; VDF/HFP/TFE [crosslinked with polyol]	$\left[\text{C} \begin{array}{c} \text{F}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \right]_l \left[\text{C} \begin{array}{c} \text{F}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{F} \\ \\ \text{CF}_3 \end{array} \right]_m \left[\text{C} \begin{array}{c} \text{F}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{F}_2 \\ \\ \text{C} \end{array} \right]_n$	
FLK-611	Perfluoroalkyl vinyl ether ; PAVE [vulcanized]	$\left[\text{C} \begin{array}{c} \text{F}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{F} \\ \\ \text{OCF}_2\text{CF}_2\text{CF}_3 \end{array} \right]_n$	
FLK-614	Polycyclooctene ; PCO	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \right]_n$	
FLK-615	Poly(1,2-butadiene) [1,2-bond: 92%]	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H} \\ \\ \text{HC}=\text{CH}_2 \end{array} \right]_n$	
FLK-616	Poly(methyl methacrylate)-poly(butyl acrylate) block copolymer ; PMMA-b-PBA	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{CH}_3 \\ \\ \text{COOCH}_3 \end{array} \right]_m \left[\text{C} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \end{array} \text{C} \begin{array}{c} \text{H} \\ \\ \text{COOC}_4\text{H}_9 \end{array} \right]_n$	
FLK-617	Poly(butylene terephthalate)-poly(tetramethylene glycol) block copolymer maleic anhydride modified ; PBT-b-PTMG MAH-modified	$\left[\text{O}-(\text{CH}_2)_4-\text{OCO}-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_m \left[(\text{CH}_2)_4-\text{O} \right]_n$ $\text{O} \begin{array}{c} \diagup \quad \diagdown \\ \text{C} \quad \text{C} \\ \diagdown \quad \diagup \\ \text{CH}=\text{CH} \end{array} \text{O} \text{ modified}$	
FLK-619	Poly(undecanoamide)-polyether block copolymer ; PA11-b-polyether	$\left[\text{H}-\text{N}-(\text{CH}_2)_{10}-\text{C}(=\text{O}) \right]_m \left[(\text{CH}_2)_4-\text{O} \right]_n$	
FLK-620	Poly(dodecanoamide)-polyether block copolymer ; PA12-b-polyether	$\left[\text{H}-\text{N}-(\text{CH}_2)_{11}-\text{C}(=\text{O}) \right]_m \left[(\text{CH}_2)_4-\text{O} \right]_n$	
FLK-622	Thermoplastic polyurethane [Methylene diphenyl diisocyanate/polypropylene glycol/1,4-butanediol ; MDI/PPG/BD]	$\left[\text{CONH}-\text{C}_6\text{H}_4-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{NHCOO}(\text{CH}_2)_4\text{O} \right]_l \left[\text{OCH}(\text{CH}_3)\text{CH}_2 \right]_m \left[\text{O}-(\text{CH}_2)_4 \right]_n$	

FLK-623	Thermoplastic polyurethane [Methylene diphenyl diisocyanate/polyhexamethylene adipate/1,4-butanediol ; MDI/polyhexamethylene adipate/BD]	$\left[\text{CONH} \text{---} \text{C}_6\text{H}_4 \text{---} \text{C}(\text{H}_2) \text{---} \text{C}_6\text{H}_4 \text{---} \text{NHCOO}(\text{CH}_2)_4\text{O} \right]_l \left[\text{O}(\text{CH}_2)_6\text{O}_2\text{C}(\text{CH}_2)_4\text{CO} \right]_m \left[\text{O} \text{---} (\text{CH}_2)_4 \right]_n$	
FLK-624	Dimethyl silicone rubber ; PDMS [vulcanized, silica gel mixed]	$\left[\text{Si}(\text{CH}_3)_2 \text{---} \text{O} \right]_n$ vulcanized, silica gel mixed	
FLK-625	High temperature vulcanized silicone rubber ; HTV silicone rubber [silica gel mixed]	$\left[\text{Si}(\text{CH}_3)_2 \text{---} \text{O} \right]_n$ vulcanized, silica gel mixed	
FLK-626	Room temperature vulcanized silicone rubber ; RTV silicone rubber [silica gel mixed]	$\left[\text{Si}(\text{CH}_3)_2 \text{---} \text{O} \right]_n$ vulcanized, silica gel mixed	
FLK-627	Silicone elastomer powder [vulcanized, no silica gel]	$\left[\text{Si}(\text{CH}_3)_2 \text{---} \text{O} \right]_n$	
FLK-628	Ebonite		
FLK-629	Urushi ; oriental lacquer		
FLK-630	Cashew resin		
FLK-633	Casein plastics		
FLK-634	Zein (corn/maize protein)		
FLK-636	Pigment Yellow 167		
FLK-637	Pigment Yellow 13		
FLK-638	Pigment Yellow 14		
FLK-639	Pigment Yellow 17		
FLK-640	Pigment Yellow 55		
FLK-641	Pigment Yellow-83		
FLK-642	Pigment Yellow-93		

FLK-643	Pigment Yellow-94		
FLK-644	Pigment Yellow-95		
FLK-645	Pigment Yellow-128		
FLK-646	Pigment Yellow-109		
FLK-647	Pigment Yellow-110		
FLK-648	Pigment Yellow-120		
FLK-649	Pigment Yellow-147		
FLK-650	Pigment Yellow-138		
FLK-651	Pigment Orange-64		

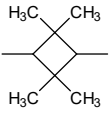
FLK-652	Pigment Orange-61		
FLK-653	Pigment Red-48:2		
FLK-654	Pigment Red-53:1		
FLK-655	Pigment Red-57:1		
FLK-656	Pigment Red-247		
FLK-657	Pigment Red-170		
FLK-658	Pigment Red-208		
FLK-659	Pigment Red-187		
FLK-662	Pigment Red-220		
FLK-663	Pigment Red-144		

FLK-664	Pigment Red-221		
FLK-665	Pigment Red-242		
FLK-666	Pigment Red-177		
FLK-667	Pigment Red-178		
FLK-668	Pigment Red-149		
FLK-669	Pigment Red-254		
FLK-670	Pigment Green-7		
FLK-671	Pigment Blue-15:3		
FLK-673	Pigment Blue-60		
FLK-674	Pigment Violet-23		

FLK-679	Ethylene-vinyltrimethoxysilane copolymer ; E/VTMS		
FLK-680	Ethylene-vinyltrimethoxysilane copolymer ; E/VTMS [crosslinked]		
FLK-682	(4-methyl-1-pentene)-(1-decene) copolymer		
FLK-684	Ethylene-tetracyclododecene copolymer ; E/TCD [Tg 164C]		
FLK-685	Ethylene-tetracyclododecene copolymer ; E/TCD [Tg 128C]		
FLK-686	Styrene-maleic anhydride random copolymer ; S/MAH [8% MAH]		
FLK-687	Styrene-maleic anhydride random copolymer ; S/MAH [15% MAH]		
FLK-688	Styrene-maleic anhydride random copolymer ; S/MAH [28% MAH]		
FLK-689	Polyphenylene ether ; PPE		
FLK-690	Polyphenylene ether ; PPE [low MW, dihydroxyl-terminated]		
FLK-691	Polyester [(Cyclohexane dimethanol,tetramethyl cyclobutanediol):terephthalic acid ; (CHDM,TMCD):TPA ; diol-modified PCT]		
FLK-692	Polyarylate ; bisphenol A-terephthalic acid/isophthalic acid copolyester ; BPA-TPA/IPA ; PAR		
FLK-693	Polyetherketoneetherketoneketone ; PEKEKK		
FLK-694	Caprolactam-hexamethylenediamine-adipic acid/sebacic acid copolyamide ; Polyamide 6/66/610 ; PA6/66/610		
FLK-695	Poly(tetramethylenediamine-terephthalic acid) ; Nylon 4-T ; PA4-T		
FLK-697	N-Methoxymethylated polycaprolactam ; N-methoxymethylated Nylon 6		
FLK-698	Polybenzimidazole ; PBI		
FLK-699	Polybenzimidazole-polyetheretherketone blend polymer ; PBI/PEEK		

FLK-705	Styrene-ethylene/butene-styrene block copolymer ; SEBS [St; 53wt%]		
FLK-706	Styrene-ethylene/butene-styrene block copolymer ; SEBS [St; 20wt%]		
FLK-707	Styrene-isobutylene-styrene block copolymer ; SIBS		
FLK-708	Styrene-isopentene-styrene block copolymer ; hydrogenated SIS		
FLK-709	Hydrogenated styrene-isoprene/butadiene-styrene block copolymer ; hydrogenated SIIBS		
FLK-710	Hydrogenated styrene-butadiene rubber ; HSBR [St; 16wt%]		
FLK-712	Ethylene-ethylene/butene-ethylene block copolymer		
FLK-713	Elastomeric polypropylene ; propylene-ethylene-1-butene terpolymer ; ePP		
FLK-714	Elastomeric polypropylene ; ePP [syndiotactic]		
FLK-715	Polypropylene plastomer ; propylene-1-butene copolymer		
FLK-716	Elastomeric polybutene		
FLK-717	Thermoplastic polyurethane [Methylene diphenyl diisocyanate/polytetramethylene ether glycol/1,4-butanediol ; MDI/PTMG/BD]		
FLK-718	Thermoplastic polyurethane [Methylene diphenyl diisocyanate/poly(butylene ethylene) adipate/1,4-butanediol]		
FLK-719	Thermoplastic polyurethane [Methylene diphenyl diisocyanate/polycaprolactone/1,4-butanediol ; MDI/PCL/BD]		
FLK-721	Polymethylphenylsiloxane ; phenyl silicone oil ; PMPS		
FLK-722	Poly(dimethylsiloxane-co-diphenylsiloxane) ; phenyl silicone oil		

FLK-723	Poly(dimethylsiloxane-co-methylphenylsiloxane) ; phenyl silicone oil	$\left[\begin{array}{c} \text{CH}_3 \\ \\ \text{---Si---O---} \\ \\ \text{CH}_3 \end{array} \right]_m \left[\begin{array}{c} \text{CH}_3 \\ \\ \text{---Si---O---} \\ \\ \text{C}_6\text{H}_5 \end{array} \right]_n$	
FLK-724	Poly(methyl-3,3,3-trifluoropropylsiloxane) ; fluorosilicone oil	$\left[\begin{array}{c} \text{CH}_3 \\ \\ \text{---Si---O---} \\ \\ \text{CH}_2 \\ \\ \text{CH}_2\text{-CF}_3 \end{array} \right]_n$	
FLK-725	Poly(dimethylsiloxane-co-methyl-3,3,3-trifluoropropylsiloxane) ; fluorosilicone oil	$\left[\begin{array}{c} \text{CH}_3 \\ \\ \text{---Si---O---} \\ \\ \text{CH}_2 \\ \\ \text{CH}_2\text{-CF}_3 \end{array} \right]_m \left[\begin{array}{c} \text{CH}_3 \\ \\ \text{---Si---O---} \\ \\ \text{CH}_3 \end{array} \right]_n$	
FLK-726	Poly(methyl-3,3,3-trifluoropropylsiloxane-co-methylvinylsiloxane) ; fluorosilicone rubber [silica: ca.20%, vulcanized]	$\left[\begin{array}{c} \text{CH}_3 \\ \\ \text{---Si---O---} \\ \\ \text{CH}_2 \\ \\ \text{CH}_2\text{-CF}_3 \end{array} \right]_m \left[\begin{array}{c} \text{CH}_3 \\ \\ \text{---Si---O---} \\ \\ \text{CH} \\ \\ \text{CH}_2 \end{array} \right]_n$	
FLK-728	Shellac		
FLK-729	Glue		
FLK-730	Bisphenol A type epoxy resin-polydimethylsiloxane	$\text{O} \begin{array}{c} \text{H}_2 \\ \diagup \quad \diagdown \\ \text{C} \end{array} \text{---O---} \left[\begin{array}{c} \text{CH}_3 \\ \\ \text{C}_6\text{H}_4 \end{array} \right] \text{---C(CH}_3)_2\text{---} \left[\begin{array}{c} \text{CH}_3 \\ \\ \text{C}_6\text{H}_4 \end{array} \right] \text{---O---C} \begin{array}{c} \text{H}_2 \\ \diagup \quad \diagdown \\ \text{C} \end{array} \text{---O---} \left[\begin{array}{c} \text{CH}_3 \\ \\ \text{C}_6\text{H}_4 \end{array} \right] \text{---C(CH}_3)_2\text{---} \left[\begin{array}{c} \text{CH}_3 \\ \\ \text{C}_6\text{H}_4 \end{array} \right] \text{---O---C} \begin{array}{c} \text{H}_2 \\ \diagup \quad \diagdown \\ \text{C} \end{array} \text{---O---} \left[\begin{array}{c} \text{CH}_3 \\ \\ \text{---Si---O---} \\ \\ \text{CH}_3 \end{array} \right]_n$	
FLK-731	Bisphenol A type epoxy resin-polydimethylsiloxane	$\text{O} \begin{array}{c} \text{H}_2 \\ \diagup \quad \diagdown \\ \text{C} \end{array} \text{---O---} \left[\begin{array}{c} \text{CH}_3 \\ \\ \text{C}_6\text{H}_4 \end{array} \right] \text{---C(CH}_3)_2\text{---} \left[\begin{array}{c} \text{CH}_3 \\ \\ \text{C}_6\text{H}_4 \end{array} \right] \text{---O---C} \begin{array}{c} \text{H}_2 \\ \diagup \quad \diagdown \\ \text{C} \end{array} \text{---O---} \left[\begin{array}{c} \text{CH}_3 \\ \\ \text{C}_6\text{H}_4 \end{array} \right] \text{---C(CH}_3)_2\text{---} \left[\begin{array}{c} \text{CH}_3 \\ \\ \text{C}_6\text{H}_4 \end{array} \right] \text{---O---C} \begin{array}{c} \text{H}_2 \\ \diagup \quad \diagdown \\ \text{C} \end{array} \text{---O---} \left[\begin{array}{c} \text{CH}_3 \\ \\ \text{---Si---O---} \\ \\ \text{CH}_3 \end{array} \right]_n$	
FLK-732	Bisphenol A diglycidyl ether-polydimethylsiloxane blend ; BADGE/PDMS	$\text{O} \begin{array}{c} \text{H}_2 \\ \diagup \quad \diagdown \\ \text{C} \end{array} \text{---O---} \left[\begin{array}{c} \text{CH}_3 \\ \\ \text{C}_6\text{H}_4 \end{array} \right] \text{---C(CH}_3)_2\text{---} \left[\begin{array}{c} \text{CH}_3 \\ \\ \text{C}_6\text{H}_4 \end{array} \right] \text{---O---C} \begin{array}{c} \text{H}_2 \\ \diagup \quad \diagdown \\ \text{C} \end{array} \text{---O---} \left[\begin{array}{c} \text{CH}_3 \\ \\ \text{---Si---O---} \\ \\ \text{CH}_3 \end{array} \right]_n$	
FLK-733	(3',4'-Epoxy cyclohexane)methyl 3,4-epoxycyclohexylcarboxylate-polydimethylsiloxane blend ; ECC/PDMS	$\text{O} \begin{array}{c} \text{H}_2 \\ \diagup \quad \diagdown \\ \text{C} \end{array} \text{---O---} \left[\begin{array}{c} \text{CH}_3 \\ \\ \text{---Si---O---} \\ \\ \text{CH}_3 \end{array} \right]_n$	
FLK-734	Polycyclohexylenedimethylene terephthalate ; CHDM:TPA ; PCT	$\left[\begin{array}{c} \text{O} \\ \\ \text{C} \end{array} \text{---} \left[\begin{array}{c} \text{O} \\ \\ \text{C} \end{array} \text{---} \text{C}_6\text{H}_4 \text{---} \text{C} \begin{array}{c} \text{O} \\ \\ \text{C} \end{array} \text{---O---C---} \text{C}_6\text{H}_{10} \text{---C---O} \right]_n$	
FLK-735	Polycyclohexylenedimethylene terephthalate ; CHDM:TPA ; PCT	$\left[\begin{array}{c} \text{O} \\ \\ \text{C} \end{array} \text{---} \left[\begin{array}{c} \text{O} \\ \\ \text{C} \end{array} \text{---} \text{C}_6\text{H}_4 \text{---} \text{C} \begin{array}{c} \text{O} \\ \\ \text{C} \end{array} \text{---O---C---} \text{C}_6\text{H}_{10} \text{---C---O} \right]_n$	
FLK-738	Polycyclohexylenedimethylene terephthalate glycol-modified ; PCT-G	$\left[\begin{array}{c} \text{O} \\ \\ \text{C} \end{array} \text{---} \left[\begin{array}{c} \text{O} \\ \\ \text{C} \end{array} \text{---} \text{C}_6\text{H}_4 \text{---} \text{C} \begin{array}{c} \text{O} \\ \\ \text{C} \end{array} \text{---O---C---} \text{C}_6\text{H}_{10} \text{---C---O} \right]_m \left[\begin{array}{c} \text{O} \\ \\ \text{C} \end{array} \text{---} \left[\begin{array}{c} \text{O} \\ \\ \text{C} \end{array} \text{---} \text{C}_6\text{H}_4 \text{---} \text{C} \begin{array}{c} \text{O} \\ \\ \text{C} \end{array} \text{---O---R---O} \right]_n$	
FLK-740	(Cyclohexane dimethanol,ethylene glycol):terephthalic acid ; (CHDM,EG):TPA ; PET-G	$\left[\begin{array}{c} \text{O} \\ \\ \text{C} \end{array} \text{---} \left[\begin{array}{c} \text{O} \\ \\ \text{C} \end{array} \text{---} \text{C}_6\text{H}_4 \text{---} \text{C} \begin{array}{c} \text{O} \\ \\ \text{C} \end{array} \text{---O---} \mathbf{A} \text{---O} \right]_n \quad \mathbf{A} = \text{---}(\text{CH}_2)_2\text{---}$ $\text{---C---} \text{C}_6\text{H}_{10} \text{---C---}$	
FLK-742	Cyclohexane dimethanol:(isophthalic acid,terephthalic acid) ; CHDM:(IPA,TPA) ; PCTA	$\left[\text{O---C---} \text{C}_6\text{H}_{10} \text{---C---O---C(=O)---} \left[\begin{array}{c} \text{O} \\ \\ \text{C} \end{array} \text{---} \text{C}_6\text{H}_4 \text{---} \text{C} \begin{array}{c} \text{O} \\ \\ \text{C} \end{array} \right]_n$ <i>m- or p-</i>	

FLK-743	(Cyclohexane dimethanol,tetramethyl cyclobutanediol):(isophthalic acid,terephthalic acid) ; (CHDM,TMCD):(IPA,TPA) ; PCTA	$\left[\text{O}-\text{A}-\text{O}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_n$ <i>m- or p-</i> $\text{A} = \text{---}\text{C}_6\text{H}_{10}\text{---}$ 	
FLK-744	High density polyethylene ; HDPE [metallocene cat.]	$\left[\text{CH}_2-\text{CH}_2 \right]_n$	
FLK-745	Ultra high molecular weight polyethylene ; UHMWPE [Ti-cat., Mw=2.4M]	$\left[\text{CH}_2-\text{CH}_2 \right]_n$	
FLK-746	Long chain branching medium density polyethylene ; LCB-MDPE	$\left[\text{CH}_2-\underset{\text{CH}_2}{\underset{ }{\text{CH}}} \right]_n$	
FLK-747	Linear low density polyethylene ; L-LDPE [1-hexene copolymerized, gas phase process, metallocene cat.]	$\left[\text{CH}_2-\text{CH}_2 \right]_m \left[\text{CH}_2-\underset{\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_3}{\underset{ }{\text{CH}}} \right]_n$	
FLK-748	Linear low density polyethylene-high pressure low density polyethylene blend ; L-LDPE/HP-LDPE [85:25, 1-hexene copolymerized, gas phase process, metallocene cat.]	$\left[\text{CH}_2-\text{CH}_2 \right]_m \left[\text{CH}_2-\underset{\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_3}{\underset{ }{\text{CH}}} \right]_n$	
FLK-749	Polynorbornene ; PNBE [ROMP]	$\text{CH}_2 \left[\text{CH}-\text{Cyclopentane}-\text{CH} \right]_n \text{CH}_2$	
FLK-750	Ethylene-tetracyclododecene copolymer ; E/TCD [78:22]	$\left[\text{CH}_2-\text{CH}_2 \right]_m \left[\text{Cyclohexene} \right]_n$	
FLK-751	Polystyrene (atactic) ; PS [high-branching]	$\left[\text{CH}_2-\underset{\text{Ph}}{\underset{ }{\text{CH}}} \right]_n$	
FLK-752	Polystyrene (syndiotactic) ; PS	$\left[\text{CH}_2-\underset{\text{Ph}}{\underset{ }{\text{CH}}} \right]_n$	
FLK-753	Transparent-high impact polystyrene ; styrene-butadiene block copolymer	$\left[\text{CH}_2-\underset{\text{Ph}}{\underset{ }{\text{CH}}} \right]_m \left[\text{CH}_2-\text{CH}=\text{CH}-\text{CH}_2 \right]_n$	
FLK-754	Styrene-butyl methacrylate copolymer ; S/BM [50:50]	$\left[\text{CH}_2-\underset{\text{Ph}}{\underset{ }{\text{CH}}} \right]_m \left[\text{CH}_2-\underset{\text{O}-\text{C}_4\text{H}_9}{\underset{\text{O}=\text{C}}{\underset{ }{\text{C}}}} \right]_n$	
FLK-755	Styrene-allyl alcohol copolymer	$\left[\text{CH}_2-\underset{\text{Ph}}{\underset{ }{\text{CH}}} \right]_m \left[\text{CH}_2-\underset{\text{OH}}{\underset{\text{CH}_2}{\underset{ }{\text{CH}}}} \right]_n$	
FLK-756	Polyvinyl chloride ; PVC	$\left[\text{CH}_2-\underset{\text{Cl}}{\underset{ }{\text{CH}}} \right]_n$	
FLK-757	Vinyl chloride-vinyl acetate copolymer ; VC/VAc [VAc: 10wt%]	$\left[\text{CH}_2-\underset{\text{Cl}}{\underset{ }{\text{CH}}} \right]_m \left[\text{CH}_2-\underset{\text{CH}_3}{\underset{\text{C}=\text{O}}{\underset{\text{O}}{\underset{ }{\text{CH}}}}} \right]_n$	
FLK-758	Vinyl chloride-vinyl acetate copolymer ; VC/VAc [VAc: 21wt%]	$\left[\text{CH}_2-\underset{\text{Cl}}{\underset{ }{\text{CH}}} \right]_m \left[\text{CH}_2-\underset{\text{CH}_3}{\underset{\text{C}=\text{O}}{\underset{\text{O}}{\underset{ }{\text{CH}}}}} \right]_n$	
FLK-760	Vinyl chloride-vinyl acetate-maleic acid terpolymer ; VC/VAc/MA	$\left[\text{CH}_2-\underset{\text{Cl}}{\underset{ }{\text{CH}}} \right]_l \left[\text{CH}_2-\underset{\text{CH}_3}{\underset{\text{C}=\text{O}}{\underset{\text{O}}{\underset{ }{\text{CH}}}}} \right]_m \left[\text{CH}=\underset{\text{OH}}{\underset{\text{C}=\text{O}}{\text{CH}}} \right]_n$	
FLK-761	Chlorinated polyvinyl chloride ; Cl-PVC	$\left[\text{CH}_2-\underset{\text{Cl}}{\underset{ }{\text{CH}}} \right]_m \left[\text{CH}=\underset{\text{Cl}}{\underset{\text{Cl}}{\text{CH}}} \right]_n$	

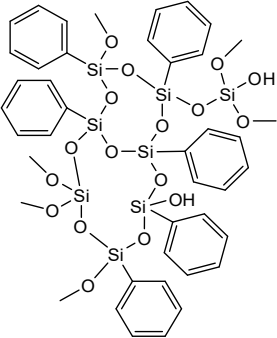
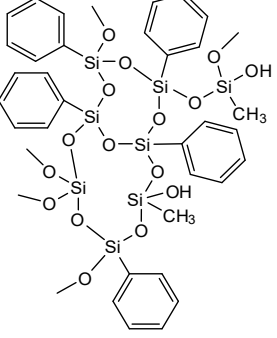
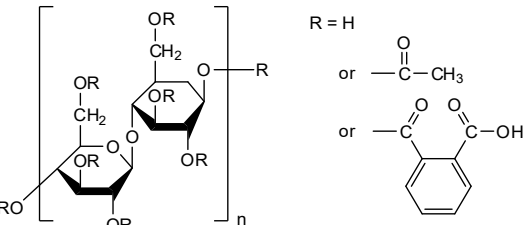
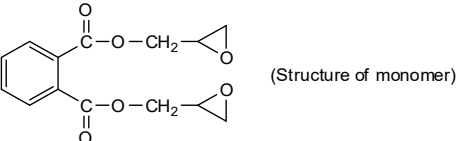
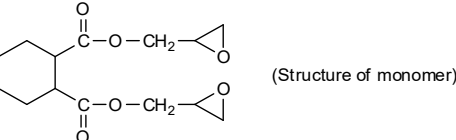
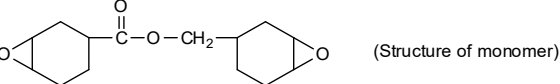
FLK-762	Plastisized polyvinyl chloride ; soft PVC [phthalates]	$\left[\text{CH}_2 - \underset{\text{Cl}}{\text{CH}} \right]_n$	
FLK-763	Plastisized polyvinyl chloride ; soft PVC [non-phthalates]	$\left[\text{CH}_2 - \underset{\text{Cl}}{\text{CH}} \right]_n$	
FLK-764	Vinylidene chloride-vinyl chloride copolymer ; VDC/VC [10% VC, plastisized]	$\left[\text{CH}_2 - \underset{\text{Cl}}{\text{CH}} \right]_m \left[\text{CH}_2 - \underset{\text{Cl}}{\text{C}} \right]_n$	
FLK-765	Vinylidene chloride-methyl acrylate copolymer ; VDC/MA [2% MA, plastisized]	$\left[\text{CH}_2 - \underset{\text{Cl}}{\text{C}} \right]_m \left[\text{CH}_2 - \underset{\text{O}=\text{C}-\text{OCH}_3}{\text{CH}} \right]_n$	
FLK-766	Vinylidene chloride-acrylonitrile copolymer ; VDC/AN [20% AN]	$\left[\text{CH}_2 - \underset{\text{Cl}}{\text{C}} \right]_m \left[\text{CH}_2 - \underset{\text{CN}}{\text{CH}} \right]_n$	
FLK-767	Tetrafluoroethylene-perfluoro[2-(fluorosulfonylethoxy)propylvinyl ether] copolymer ; Nafion	$\left[\text{CF}_2 - \text{CF}_2 \right]_m \left[\text{CF} - \text{CF}_2 \right]_n$ $\begin{array}{c} \text{O} \\ \\ \text{CF}_2 \\ \\ \text{F} - \text{C} - \text{O} - \text{CF}_2 - \text{CF}_2 - \text{SO}_3^- \text{H}^+ \\ \\ \text{CF}_3 \end{array}$	
FLK-768	Polyvinylalcohol ; PVA [88% saponification degree]	$\left[\text{CH}_2 - \underset{\text{OH}}{\text{CH}} \right]_{0.88} \left[\text{CH}_2 - \underset{\text{O}-\text{C}(=\text{O})-\text{CH}_3}{\text{CH}} \right]_{0.12}$	
FLK-769	Ethylene-vinyl alcohol copolymer ; EVOH [VA: 67wt%]	$\left[\text{CH}_2 - \text{CH}_2 \right]_m \left[\text{CH}_2 - \underset{\text{OH}}{\text{CH}} \right]_n$	
FLK-770	Polyvinyl formal ; PVFM	$\left[\text{CH}_2 - \text{C}(\text{OCH}_2\text{CH}_2\text{O}) \right]_n$	
FLK-771	Poly(ethyl acrylate) ; PEA	$\left[\text{CH}_2 - \underset{\text{C}(=\text{O})-\text{O}-\text{CH}_2\text{CH}_3}{\text{CH}} \right]_n$	
FLK-772	Poly(isopropyl acrylate) ; PIPA	$\left[\text{CH}_2 - \underset{\text{C}(=\text{O})-\text{O}-\text{CH}(\text{CH}_3)_2}{\text{CH}} \right]_n$	
FLK-773	Poly(isobutyl acrylate) ; PIBA	$\left[\text{CH}_2 - \underset{\text{C}(=\text{O})-\text{O}-\text{CH}_2\text{CH}(\text{CH}_3)_2}{\text{CH}} \right]_n$	
FLK-774	Poly(tert-butyl acrylate) ; PtBA	$\left[\text{CH}_2 - \underset{\text{C}(=\text{O})-\text{O}-\text{C}(\text{CH}_3)_3}{\text{CH}} \right]_n$	
FLK-775	Poly(n-hexyl acrylate) ; PHA	$\left[\text{CH}_2 - \underset{\text{C}(=\text{O})-\text{O}-(\text{CH}_2)_5\text{CH}_3}{\text{CH}} \right]_n$	
FLK-776	Poly(n-decyl acrylate) ; PDA	$\left[\text{CH}_2 - \underset{\text{C}(=\text{O})-\text{O}-(\text{CH}_2)_9\text{CH}_3}{\text{CH}} \right]_n$	
FLK-777	Poly(lauryl acrylate)	$\left[\text{CH}_2 - \underset{\text{C}(=\text{O})-\text{O}-(\text{CH}_2)_{11}\text{CH}_3}{\text{CH}} \right]_n$	

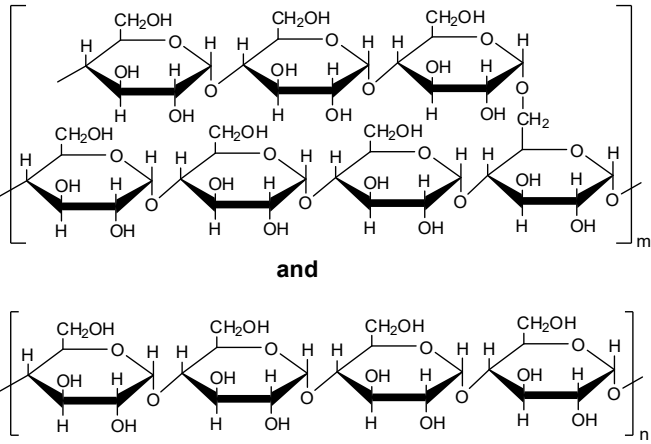
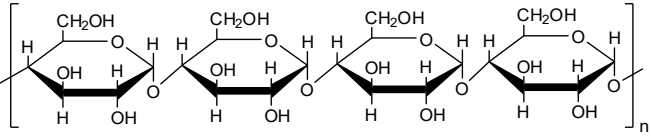
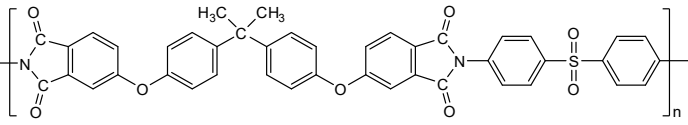
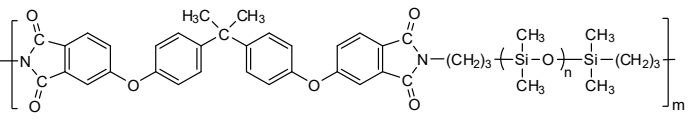
FLK-778	Poly(2-hydroxyethyl acrylate) ; PHEA		
FLK-779	Poly(sec-butyl methacrylate)		
FLK-780	Poly(cyclohexyl methacrylate) ; PCMA		
FLK-781	Methyl methacrylate-ethyl methacrylate copolymer ; MMA/MEA [50% MMA]		
FLK-782	Poly(ethyl alpha-cyanoacrylate) ; PECA		
FLK-783	Polyethylene glycol diacrylate ; PEGDA [UV cured]	$\text{H}_2\text{C}=\text{CH}-\text{C}(=\text{O})-\left[\text{O}-(\text{CH}_2)_2\right]_n-\text{O}-\text{C}(=\text{O})-\text{CH}=\text{CH}_2 \quad (\text{Structure before UV curing})$	
FLK-784	Epoxy acrylate ; bisphenol A diglycidyl ether dimethacrylate ; Bis-gma [UV cured]		
FLK-785	Urethane acrylate ; pentaerythritol triacrylate-hexamethylene diisocyanate prepolymer [UV cured]		
FLK-786	Urethane acrylate ; pentaerythritol triacrylate-isophorone diisocyanate prepolymer [UV cured]		
FLK-787	Urethane acrylate ; pentaerythritol triacrylate-toluene diisocyanate prepolymer [UV cured]		
FLK-788	Acrylonitrile-methyl acrylate copolymer ; AN/MA [95% AN]		
FLK-789	Methyl cellulose ; MC [30.0% methoxy]		
FLK-790	Celluloid		
FLK-791	Phenoxy resin [bisphenol A/F type]		
FLK-792	Isosorbide polycarbonate		
FLK-793	Poly(3-hydroxy butyrate) ; PHB		

FLK-794	Modified polylactic acid ; lactide-caprolactam random copolymer	$\left[\text{O}-\underset{\text{CH}_3}{\text{CH}}-\text{C}(=\text{O}) \right]_m / \left[\text{C}(=\text{O})-(\text{CH}_2)_5-\text{NH} \right]_n$	
FLK-795	3-Hydroxybutyric acid/3-hydroxyhexanoic acid copolyester ; PHBH	$\left[\text{O}-\underset{\text{H}}{\text{CH}}(\text{CH}_3)-\text{CH}_2-\text{C}(=\text{O}) \right]_m \left[\text{O}-\underset{\text{H}}{\text{CH}}(\text{CH}_2\text{CH}_2\text{CH}_3)-\text{CH}_2-\text{C}(=\text{O}) \right]_n$	
FLK-796	Polycyclohexanedimethylene succinate ; PCHS	$\left[\text{CH}_2-\text{C}_6\text{H}_{10}-\text{CH}_2-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_2-\text{C}(=\text{O})-\text{O} \right]_n$	
FLK-797	Polyester [1,4-Cyclohexanedimethanol:1,4-cyclohexanedicarboxylic acid ; CHDM:CHDA]	$\left[\text{O}-\text{C}(=\text{O})-\text{C}_6\text{H}_{10}-\text{C}(=\text{O})-\text{O}-\text{CH}_2-\text{C}_6\text{H}_{10}-\text{CH}_2 \right]_n$	
FLK-798	Polyethylene terephthalate/succinate ; EG(TPA:SA) [TPA:SA = 1:1 mol]	$\left[\text{A}-(\text{CH}_2)_2 \right]_n \quad \text{A} = \begin{array}{c} \text{O} \quad \text{O} \\ \parallel \quad \parallel \\ -\text{O}-\text{C}-\text{C}_6\text{H}_4-\text{C}-\text{O}- \\ \text{O} \quad \text{O} \\ \parallel \quad \parallel \\ -\text{O}-\text{C}-(\text{CH}_2)_2-\text{C}-\text{O}- \end{array}$	
FLK-799	Alkyd [linseed oil-phthalic anhydride]		
FLK-800	Hexamethylenediamine-adipic acid/terephthalic acid copolyamide ; PA6-6/T	$\left[\text{H}-(\text{CH}_2)_6-\text{N}-\text{A} \right]_n \quad \text{A} = \begin{array}{c} \text{O} \quad \text{O} \quad \text{O} \quad \text{O} \\ \parallel \quad \parallel \quad \parallel \quad \parallel \\ -\text{C}-(\text{CH}_2)_4-\text{C}- \quad -\text{C}-\text{C}_6\text{H}_4-\text{C}- \end{array}$	
FLK-801	Hexamethylenediamine/2-methyl-1,5-pentanediamine-terephthalic acid copolyamide ; PA6/2Me5-T	$\left[\text{A}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_n \quad \text{A} = \begin{array}{c} \text{H} \quad \text{H} \\ \quad \\ -\text{N}-(\text{CH}_2)_6-\text{N}- \\ \text{H} \quad \text{H} \\ \quad \\ -\text{N}-(\text{CH}_2)_3-\text{CH}-\text{CH}_2-\text{N}- \\ \\ \text{CH}_3 \end{array}$	
FLK-802	Polyamide-imide ; PAI ; Kernel	$\left[\text{H}-\text{N}-\text{C}(=\text{O})-\text{C}_6\text{H}_3(\text{C}_6\text{H}_4)_2-\text{N}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4 \right]_n$	
FLK-803	Benzoguanamine-formaldehyde resin ; BGF	$\left[\text{N}(\text{CH}_2)_2\text{N}(\text{CH}_2)_2\text{N}(\text{CH}_2)_2\text{C}_6\text{H}_5 \right]_n$	
FLK-804	Benzoguanamine-melamine-formaldehyde resin ; BGF/MF	$\left[\text{N}(\text{CH}_2)_2\text{N}(\text{CH}_2)_2\text{N}(\text{CH}_2)_2\text{C}_6\text{H}_5 \right]_m \left[\text{N}(\text{CH}_2)_2\text{N}(\text{CH}_2)_2\text{N}(\text{CH}_2)_2\text{C}_6\text{H}_5 \right]_n$	
FLK-805	Diallyl phthalate resin ; DAP [prepolymer]	$\left[\text{H}_2\text{C}=\text{CH}-\text{CH}_2-\text{O}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O})-\text{O}-\text{CH}_2-\text{CH}=\text{CH}_2 \right]_n$	
FLK-806	Diallyl isophthalate resin ; DAIP [prepolymer]	$\left[\text{H}_2\text{C}=\text{CH}-\text{CH}_2-\text{O}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O})-\text{O}-\text{CH}_2-\text{CH}=\text{CH}_2 \right]_n$	

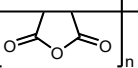
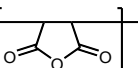
FLK-807	Polybutadiene; low-cis BR [cis/trans/vinyl=36/55/9]	$\left[\begin{array}{c} \text{CH}_2 \quad \text{CH}_2 \\ \quad \quad \\ \text{HC}=\text{CH} \end{array} \right]_{0.36} \left[\begin{array}{c} \text{CH}_2 \\ \\ \text{HC}=\text{CH} \\ \\ \text{CH}_2 \end{array} \right]_{0.55} \left[\begin{array}{c} \text{CH}-\text{CH}_2 \\ \\ \text{CH} \\ \\ \text{CH}_2 \end{array} \right]_{0.09}$	
FLK-808	High styrene rubber ; HighSBR [St 36%]	$\left[\begin{array}{c} \text{CH}_2-\text{CH} \\ \\ \text{C}_6\text{H}_5 \end{array} \right]_{0.36} \left[\text{CH}_2-\text{CH}=\text{CH}-\text{CH}_2 \right]_{0.64}$	
FLK-809	Vinylidene fluoride-hexafluoropropylene-tetrafluoroethylene terpolymer ; VDF/HFP/TFE	$\left[\text{CH}_2-\text{CF}_2 \right]_l \left[\begin{array}{c} \text{CF}_2-\text{CF} \\ \\ \text{CF}_3 \end{array} \right]_m \left[\text{CF}_2-\text{CF}_2 \right]_n$	
FLK-810	Vinylidene fluoride-perfluoromethylvinyl ether-tetrafluoroethylene-cure-site monomer tetrapolymer ; VDF/PMVE/TFE/CSM	$\left[\text{CH}_2-\text{CF}_2 \right]_l \left[\text{CF}_2-\text{CF}_2 \right]_m \left[\begin{array}{c} \text{CF}_2-\text{CF}_2 \\ \\ \text{O}-\text{CF}_3 \end{array} \right]_n \text{CSM}-$	
FLK-811	Tetrafluoroethylene-perfluoromethylvinyl ether-ethylene-cure-site monomer tetrapolymer ; TFE/PMVE/E/CSM [uncured]	$\left[\text{CF}_2-\text{CF}_2 \right]_l \left[\begin{array}{c} \text{CF}_2-\text{CF}_2 \\ \\ \text{O}-\text{CF}_3 \end{array} \right]_m \left[\text{CH}_2-\text{CH}_2 \right]_n \text{CSM}-$	
FLK-812	Polysulfide rubber	$\left[\text{S}-\text{S}-\text{CH}_2-\text{CH}_2-\text{O}-\text{CH}_2-\text{O}-\text{CH}_2-\text{CH}_2 \right]_n \text{SH}$	
FLK-813	Ethylene-ethylene/1-octene block copolymer	$\left[\text{CH}_2-\text{CH}_2 \right]_m \left[\text{A} \right]_n \quad \text{A} = \begin{array}{c} \text{---CH}_2-\text{CH}_2\text{---} \\ \text{---CH}_2-\text{CH---} \\ \\ (\text{CH}_2)_5 \\ \\ \text{CH}_3 \end{array}$	
FLK-814	Propylene-ethylene random copolymer ; P/E [Tg: 14C, mp: 105C]	$\left[\text{CH}_2-\text{CH}_2 \right]_m / \left[\begin{array}{c} \text{CH}_2-\text{CH} \\ \\ \text{CH}_3 \end{array} \right]_n$	
FLK-815	Propylene-ethylene random copolymer ; P/E [Tg: -28C, mp: 62C]	$\left[\text{CH}_2-\text{CH}_2 \right]_m / \left[\begin{array}{c} \text{CH}_2-\text{CH} \\ \\ \text{CH}_3 \end{array} \right]_n$	
FLK-816	Polypropylene-acrylic rubber blend ; PP/ACM	$\left[\begin{array}{c} \text{CH}_2-\text{CH} \\ \\ \text{CH}_3 \end{array} \right]_k / \left[\begin{array}{c} \text{CH}_2-\text{CH} \\ \\ \text{C}=\text{O} \\ \\ \text{O} \\ \\ \text{C}_2\text{H}_5 \end{array} \right]_l \left[\begin{array}{c} \text{CH}_2-\text{CH} \\ \\ \text{C}=\text{O} \\ \\ \text{O} \\ \\ \text{C}_4\text{H}_9 \end{array} \right]_m \left[\begin{array}{c} \text{CH}_2-\text{CH} \\ \\ \text{C}=\text{O} \\ \\ \text{O} \\ \\ \text{C}_2\text{H}_4 \\ \\ \text{OCH}_3 \end{array} \right]_n$	
FLK-817	Poly(butylene terephthalate)-poly(tetramethylene ether glycol) block copolymer ; PBT-b-PTMG [medium hardness]	$\left[\text{O}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O})-\text{O}-(\text{CH}_2)_4 \right]_m \left[\text{O}-(\text{CH}_2)_4 \right]_n$	
FLK-818	Poly(butylene terephthalate)-poly(tetramethylene ether glycol) block copolymer ; PBT-b-PTMG [high hardness]	$\left[\text{O}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O})-\text{O}-(\text{CH}_2)_4 \right]_m \left[\text{O}-(\text{CH}_2)_4 \right]_n$	
FLK-819	Polyester [(1,4-Cyclohexanedimethanol:1,4-cyclohexanedicarboxylic acid)-polytetramethylene ether glycol block copolymer : (CHDM:CHDA)-b-PTMG]	$\left[\text{O}-\text{C}(=\text{O})-\text{C}_6\text{H}_{10}-\text{C}(=\text{O})-\text{O}-\text{CH}_2-\text{C}_6\text{H}_{10}-\text{CH}_2 \right]_m \left[\text{O}-(\text{CH}_2)_4 \right]_n$	
FLK-820	Polybutylene naphthalate-polytetramethylene ether glycol block copolymer ; PBN-b-PTMG	$\left[\text{O}-\text{C}(=\text{O})-\text{C}_{10}\text{H}_6-\text{C}(=\text{O})-\text{O}-(\text{CH}_2)_4 \right]_m \left[\text{O}-(\text{CH}_2)_4 \right]_n$	
FLK-821	Polybutyrene terephthalate-polycaprolactone block copolymer ; PBT-b-PCL	$\left[\text{O}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O})-\text{O}-(\text{CH}_2)_4 \right]_m \left[\text{O}-(\text{CH}_2)_5-\text{C}(=\text{O}) \right]_n$	
FLK-822	Polybutyrene terephthalate-acrylic rubber compound ; PBT/ACM	$\left[\text{O}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O})-\text{O}-(\text{CH}_2)_4 \right]_k / \left[\begin{array}{c} \text{CH}_2-\text{CH} \\ \\ \text{C}=\text{O} \\ \\ \text{O} \\ \\ \text{C}_2\text{H}_5 \end{array} \right]_l \left[\begin{array}{c} \text{CH}_2-\text{CH} \\ \\ \text{C}=\text{O} \\ \\ \text{O} \\ \\ \text{C}_4\text{H}_9 \end{array} \right]_m \left[\begin{array}{c} \text{CH}_2-\text{CH} \\ \\ \text{C}=\text{O} \\ \\ \text{O} \\ \\ \text{C}_2\text{H}_4 \\ \\ \text{OCH}_3 \end{array} \right]_n$	
FLK-823	Polyurethane-urea ; methylene diphenyl diisocyanate-polyol/hydrazine copolymer ; MDI/polyol/hydrazine ; Spandex	$\left[\text{O}-(\text{CH}_2)_4-\text{O} \right]_l \left[\text{A} \right]_m \left[\text{NH}-\text{NH}-\text{A} \right]_n \quad \text{A} = \begin{array}{c} \text{O} \quad \text{H} \\ \quad \\ \text{---C}-\text{N}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{N}-\text{C} \quad \text{H} \\ \quad \quad \\ \text{O} \quad \quad \text{O} \end{array}$	

FLK-824	Polyurethane-urea ; toluene diisocyanate-polypropylene glycol/diamine copolymer ; TDI/PPG/DAM	$\left[\left(\text{O}-\underset{\text{CH}_3}{\text{CH}_2}-\underset{\text{CH}_3}{\text{CH}}-\text{O} \right)_m \left[\text{NH}-\text{R}-\text{NH}-\mathbf{A} \right]_n \right]$ $\mathbf{A} = \text{—}\overset{\text{O}}{\parallel}\text{C}-\text{N}-\text{C}_6\text{H}_4-\text{N}-\overset{\text{H}}{\parallel}\text{C}-\text{—}$	
FLK-825	Polyurethane-urea ; toluene diisocyanate-polyadipate/diamine copolymer ; TDI/polyadipate/DAM	$\left[\left(\text{O}-\text{R}-\text{O}-\overset{\text{O}}{\parallel}\text{C}-(\text{CH}_2)_4-\overset{\text{O}}{\parallel}\text{C}-\text{O}-\text{R}-\text{O} \right)_l \mathbf{A} \right]_m \left[\text{NH}-\text{R}-\text{NH}-\mathbf{A} \right]_n$ $\mathbf{A} = \text{—}\overset{\text{O}}{\parallel}\text{C}-\text{N}-\text{C}_6\text{H}_4-\text{N}-\overset{\text{H}}{\parallel}\text{C}-\text{—}$	
FLK-826	Polyurethane [naphthalene diisocyanate/polyadipate/butanediol ; NDI/polyadipate/BD]	$\left[\left(\text{O}-\text{R}-\text{O}-\overset{\text{O}}{\parallel}\text{C}-(\text{CH}_2)_4-\overset{\text{O}}{\parallel}\text{C}-\text{O}-\text{R}-\text{O} \right)_l \mathbf{A} \right]_m \left[\text{O}-(\text{CH}_2)_4-\text{O}-\mathbf{A} \right]_n$ $\mathbf{A} = \text{—}\overset{\text{O}}{\parallel}\text{C}-\text{N}-\text{C}_{10}\text{H}_6-\text{N}-\overset{\text{H}}{\parallel}\text{C}-\text{—}$	
FLK-827	Polyurethane [hexamethylene diisocyanate/polyadipate ; HDI/polyadipate]	$\left[\left(\text{O}-\text{R}-\text{O}-\overset{\text{O}}{\parallel}\text{C}-(\text{CH}_2)_4-\overset{\text{O}}{\parallel}\text{C}-\text{O}-\text{R}-\text{O} \right)_m \overset{\text{O}}{\parallel}\text{C}-\text{N}-(\text{CH}_2)_6-\text{N}-\overset{\text{H}}{\parallel}\text{C} \right]_n$	
FLK-828	Polyurethane ; methylene diphenyl diisocyanate-aliphatic polycarbonate-butanediol ; MDI/APC/BD		
FLK-829	Polyisocyanurate ; polymeric methylene diphenyl diisocyanate-polyol ; PMDI-polyol		
FLK-830	Polyurea ; methylene diphenyl diisocyanate-diamino polyether/4,4'-methylene-bis(2-chloroaniline) ; MDI/diamino polyether/MOCA		
FLK-831	Polyurethane foam ; polypropylene glycol/polymer polyol-methylene diphenyl diisocyanate-H ₂ O ; PPG/POP/MDI/H ₂ O		
FLK-832	Polyurethane foam ; poly(propylene glycol-ethylene glycol)-toluene diisocyanate-H ₂ O ; PPG/TDI/H ₂ O		
FLK-833	Polyurethane foam ; polypropylene glycol/polymer polyol-toluene diisocyanate-H ₂ O ; PPG/POP/TDI/H ₂ O		
FLK-834	Polyurethane foam ; poly(ethylene adipate)-toluene diisocyanate-H ₂ O ; PEA/TDI/H ₂ O		
FLK-835	Polymethylsilsesquioxane ; PMSQ		

FLK-836	Polyphenylsilsesquioxane ; PPSQ [lowMW, uncured]		
FLK-837	Polymethylphenylsilsesquioxane ; PMPSQ		
FLK-838	Vinylmethylsilicone rubber ; dimethylsiloxane-methylvinylsiloxane copolymer ; VMQ [silica: ca. 20%]	$\left[\text{Si} \begin{array}{c} \text{CH}_3 \\ \\ \text{O} \\ \\ \text{CH}_3 \end{array} - \text{O} \right]_m \left[\text{Si} \begin{array}{c} \text{CH}_3 \\ \\ \text{O} \\ \\ \text{CH} \\ \\ \text{CH}_2 \end{array} - \text{O} \right]_n$	
FLK-839	Wool		
FLK-840	Silk		
FLK-841	Long chain branch polypropylene ; LCB-PP	$\left[\text{CH}_2 - \underset{\text{CH}_3}{\text{CH}} \right]_n$	
FLK-842	Poly(methyl vinyl ether) ; PMVE	$\left[\text{CH}_2 - \underset{\text{OCH}_3}{\text{CH}} \right]_n$	
FLK-843	Cellulose acetate phthalate ; CAPh		
FLK-844	Diglycidyl phthalate [prepolymer]		
FLK-845	Diglycidyl hexahydrophthalate [prepolymer]		
FLK-846	3,4-Epoxy cyclohexylmethyl 3',4'-epoxycyclohexanecarboxylate [prepolymer]		
FLK-847	Polystyrene-b-poly(butadiene-co-butylene)-b-polystyrene ; SBBS	$\left[\text{CH}_2 - \underset{\text{C}_6\text{H}_5}{\text{CH}} \right]_1 \left[\text{A} \right]_m \left[\text{CH}_2 - \underset{\text{C}_6\text{H}_5}{\text{CH}} \right]_n$ $\text{A} = \text{---CH}_2 - \text{CH} = \text{CH} - \text{CH}_2 \text{---}$ $\text{---CH}_2 - \underset{\text{CH}_2\text{CH}_3}{\text{CH}} \text{---}$	
FLK-848	Polystyrene-b-poly(ethylene-co-propylene) ; SEP	$\left[\text{CH}_2 - \underset{\text{C}_6\text{H}_5}{\text{CH}} \right]_1 \left[\left(\text{CH}_2 - \underset{\text{CH}_3}{\text{CH}} \right)_m \left(\text{CH}_2 - \text{CH}_2 \right)_n \right]_0$	

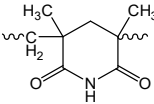
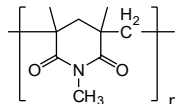
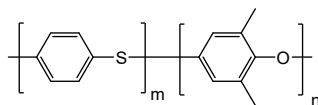
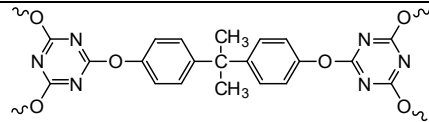
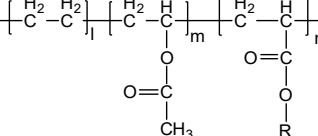
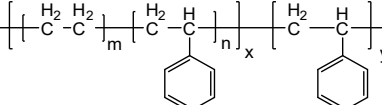
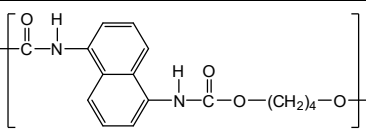
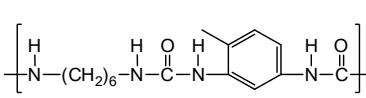
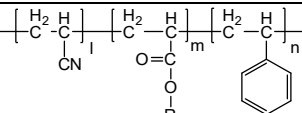
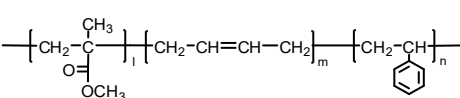
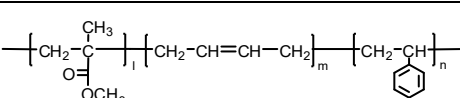
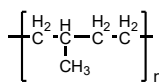
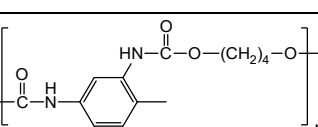
FLK-849	Polystyrene-b-poly(ethylene-co-(ethylene-propylene))-b-polystyrene [30 wt% St] ; SEEPS	$\left[\text{CH}_2 - \underset{\text{C}_6\text{H}_5}{\text{CH}} \right]_l \left[\text{CH}_2 - \text{CH}_2 \right]_m \left[\text{A} \right]_n \left[\text{CH}_2 - \underset{\text{C}_6\text{H}_5}{\text{CH}} \right]_o$ $\text{A} = \begin{array}{l} -\text{CH}_2 - \text{CH}_2 - \\ -\text{CH}_2 - \underset{\text{CH}_3}{\text{CH}} - \end{array}$	
FLK-850	Polyarylate ; Bisphenol TMC:(terephthalic acid,isophthalic acid) ; Bisphenol TMC:(TPA,IPA)		
FLK-851	Polyarylate ; Bisphenol:(terephthalic acid,isophthalic acid) ; Bisphenol:(TPA,IPA)		
FLK-900	Poly(butylene adipate)	$\left[\text{O} - (\text{CH}_2)_4 - \text{O} - \text{C}(=\text{O}) - (\text{CH}_2)_4 - \text{C}(=\text{O}) \right]_n$	
FLK-901	Poly(ethylene sebacate)	$\left[\text{O} - (\text{CH}_2)_2 - \text{O} - \text{C}(=\text{O}) - (\text{CH}_2)_8 - \text{C}(=\text{O}) \right]_n$	
FLK-902	Poly(butylene sebacate)	$\left[\text{O} - (\text{CH}_2)_4 - \text{O} - \text{C}(=\text{O}) - (\text{CH}_2)_8 - \text{C}(=\text{O}) \right]_n$	
FLK-903	Poly(hexamethylene sebacate)	$\left[\text{O} - (\text{CH}_2)_6 - \text{O} - \text{C}(=\text{O}) - (\text{CH}_2)_8 - \text{C}(=\text{O}) \right]_n$	
FLK-904	Poly(ethylene terephthalate/adipate)	$\left[\text{C}(=\text{O}) - \text{C}_6\text{H}_4 - \text{C}(=\text{O}) - \text{O} - (\text{CH}_2)_2 - \text{O} \right]_m \left[\text{C}(=\text{O}) - (\text{CH}_2)_4 - \text{C}(=\text{O}) - \text{O} - (\text{CH}_2)_2 - \text{O} \right]_n$	
FLK-905	Poly(ethylene terephthalate/sebacate)	$\left[\text{C}(=\text{O}) - \text{C}_6\text{H}_4 - \text{C}(=\text{O}) - \text{O} - (\text{CH}_2)_2 - \text{O} \right]_m \left[\text{C}(=\text{O}) - (\text{CH}_2)_8 - \text{C}(=\text{O}) - \text{O} - (\text{CH}_2)_2 - \text{O} \right]_n$	
FLK-906	Poly(6-hydroxy-2-naphthalenecarboxylic acid para-hydroxybenzoic acid) ; Liquid-crystal polymer type III ; LCP-III		
FLK-907	Modified poly(hexamethylenediamine-terephthalic acid) ; Modified-Nylon 6T ; Modified-PA6T		
FLK-908	Starch (corn)	 and 	
FLK-909	Polyetherimide sulfone		✓
FLK-910	Poly(etherimide-co-dimethylsiloxane)		
FLK-911	Poly(butylene succinate/carbonate)	$\left[(\text{CH}_2)_4 - \text{O} - \text{C}(=\text{O}) - (\text{CH}_2)_2 - \text{C}(=\text{O}) - \text{O} \right]_m \left[(\text{CH}_2)_4 - \text{O} - \text{C}(=\text{O}) - \text{O} \right]_n$	
FLK-912	Poly(2-pyrrolidone) ; Nylon 4 ; PA4	$\left[\text{C}(=\text{O}) - (\text{CH}_2)_3 - \text{N} - \text{H} \right]_n$	
FLK-913	Poly(hexamethylenediamine-terephthalic acid) ; Nylon 6T ; PA6T [homopolymer]	$\left[\text{H} - (\text{CH}_2)_6 - \text{N} - \text{H} - \text{C}(=\text{O}) - \text{C}_6\text{H}_4 - \text{C}(=\text{O}) \right]_n$	

FLK-914	Hexamethylene diisocyanate/butanediol ; HMDI/BD		
FLK-915	Isophorone diisocyanate/butanediol ; IPDI/BD		
FLK-852	Polyarylate		
FLK-853	Carnauba wax	Various chain length	
FLK-854	Beeswax	Various chain length	
FLK-855	Shellac wax		
FLK-856	Montan wax		
FLK-857	Ozokerite wax		
FLK-858	Ceresin wax		
FLK-859	Paraffin wax		
FLK-860	Paraffin wax [purified]		
FLK-861	Microcrystalline wax		
FLK-862	Sasolwax A1 [oxidized]		
FLK-863	Sasolwax 1800 [microcrystalline]		
FLK-864	Sasolwax Spray 30		
FLK-865	High-density polyethylene wax ; HDPE wax [Ziegler catalyst, 15 mPas/140C]		

FLK-866	Linear low-density polyethylene wax ; LLDPE wax [Ziegler catalyst, 200 mPas/140C]	$\left[\text{CH}_2\text{CH}_2 \right]_n$	
FLK-867	Linear low-density polyethylene wax ; LLDPE wax [low MW distribution, metallocene catalyst]	$\left[\text{CH}_2\text{CH}_2 \right]_n$	
FLK-868	Low-density polyethylene wax ; LDPE wax [200 mPas/140C]	$\left[\text{CH}_2\text{CH}_2 \right]_n$	
FLK-869	Low-density polyethylene wax ; LDPE wax [high pressure radical polymerization, 375 mPas/140C]	$\left[\text{CH}_2\text{CH}_2 \right]_n$	
FLK-870	Low-density polyethylene wax ; LDPE wax [high pressure radical polymerization, 4000 mPas/140C]	$\left[\text{CH}_2\text{CH}_2 \right]_n$	
FLK-871	Oxidized high-density polyethylene wax ; Oxidized HDPE wax [4500 mPas/150C]		
FLK-872	Oxidized high-density polyethylene wax ; Oxidized HDPE wax [2500 mPas/150C]		
FLK-873	Polypropylene wax ; PP wax [low density]	$\left[\text{CH}_2 - \underset{\text{CH}_3}{\text{CH}} \right]_n$	
FLK-874	Poly(alpha-olefin) wax ; PAO wax [long-chain alpha-olefin, crystalline side-chain, metallocene catalyst]	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \text{H} \\ \text{R} \end{array} \right]_n$ R = alkyl chain	
FLK-875	Ethylene-maleic anhydride copolymer ; EMAn	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \text{H}_2 \end{array} \right]_m \left[\text{C} \begin{array}{c} \text{H}_2 \\ \text{H} \end{array} \right]_n$ 	
FLK-876	Propylene-maleic anhydride copolymer	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \text{H} \\ \text{CH}_3 \end{array} \right]_m \left[\text{C} \begin{array}{c} \text{H}_2 \\ \text{H} \end{array} \right]_n$ 	
FLK-877	Ethylene-acrylic acid copolymer ; EAA	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \text{H}_2 \end{array} \right]_m \left[\text{C} \begin{array}{c} \text{H}_2 \\ \text{H} \\ \text{O}=\text{C} \\ \text{OH} \end{array} \right]_n$	
FLK-878	Ethylene-vinyl acetate copolymer ; EVAc	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \text{H}_2 \end{array} \right]_m \left[\text{C} \begin{array}{c} \text{H}_2 \\ \text{H} \\ \text{O}=\text{C} \\ \text{CH}_3 \end{array} \right]_n$	
FLK-879	Calcium ionomer of ethylene-acrylic acid copolymer ; Ca-EAA [low MW]	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \text{H}_2 \end{array} \right]_m \left[\text{C} \begin{array}{c} \text{H}_2 \\ \text{H} \\ \text{O}=\text{C} \\ \text{OR} \end{array} \right]_n$ R = H or 1/2 Ca	
FLK-880	Magnesium ionomer of ethylene- acrylic acid copolymer ; Mg-EAA [low MW]	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \text{H}_2 \end{array} \right]_m \left[\text{C} \begin{array}{c} \text{H}_2 \\ \text{H} \\ \text{O}=\text{C} \\ \text{OR} \end{array} \right]_n$ R = H or 1/2 Mg	
FLK-881	Sodium ionomer of ethylene-acrylic acid copolymer ; Na-EAA [low MW]	$\left[\text{C} \begin{array}{c} \text{H}_2 \\ \text{H}_2 \end{array} \right]_m \left[\text{C} \begin{array}{c} \text{H}_2 \\ \text{H} \\ \text{O}=\text{C} \\ \text{OR} \end{array} \right]_n$ R = H or Na	

FLK-882	Zinc ionomer of ethylene-acrylic acid copolymer ; Zn-EAA [low MW]	$\left[\begin{array}{c} \text{H}_2 \quad \text{H}_2 \\ \quad \\ -\text{C} - \text{C}- \end{array} \right]_m \left[\begin{array}{c} \text{H}_2 \quad \text{H} \\ \quad \\ -\text{C} - \text{C}- \\ \\ \text{O} \\ \\ \text{OR} \end{array} \right]_n$ $R = \text{H or } 1/2 \text{ Zn}$	
FLK-883	alpha-Olefin-maleic anhydride copolymer [alpha-olefin: C30-C60]	$\left[\begin{array}{c} \text{H}_2 \quad \text{H} \\ \quad \\ -\text{C} - \text{C}- \\ \\ \text{R} \end{array} \right]_m \left[\begin{array}{c} \text{O} \quad \text{O} \\ // \quad // \\ \text{C} \quad \text{C} \\ \backslash \quad / \\ \text{O} \end{array} \right]_n$ $R = \text{alkyl chain (C}_{28-58}\text{)}$	
FLK-884	Chlorinated paraffins ; CPs	$\left[\begin{array}{c} \text{H}_2 \quad \text{H}_2 \\ \quad \\ -\text{C} - \text{C}- \end{array} \right]_m \left[\begin{array}{c} \text{H}_2 \quad \text{H} \\ \quad \\ -\text{C} - \text{C}- \\ \\ \text{Cl} \end{array} \right]_n$	
FLK-885	Montanic acid ethyleneglycol ester [various chain length]	$\text{RO} \text{---} \text{CH}_2 \text{---} \text{CH}_2 \text{---} \text{OR} \quad R = \text{CO}(\text{CH}_2)_{22-28}\text{CH}_3$	
FLK-886	Montanic acid glycerol triester [various chain length]	$\begin{array}{c} \text{OR} \\ \\ \text{OR} \\ \\ \text{OR} \end{array} \quad R = \text{CO}(\text{CH}_2)_{22-28}\text{CH}_3$	
FLK-887	Montanic acid pentaerythritol tetraester [various chain length]	$\begin{array}{c} \text{RO} \quad \text{OR} \\ \quad \\ \text{C} \text{---} \text{C} \text{---} \text{C} \text{---} \text{C} \\ \quad \quad \quad \\ \text{OR} \quad \text{OR} \quad \text{OR} \quad \text{OR} \end{array} \quad R = \text{CO}(\text{CH}_2)_{22-28}\text{CH}_3$	
FLK-888	Ester wax of montanic acid [partly saponified]		
FLK-889	Polymerized castor oil		
FLK-890	Montanic acid [various chain length]	$\text{CH}_3(\text{CH}_2)_{22-28}\text{COOH}$	
FLK-891	Rosin-modified maleic resin		
FLK-892	Rosin-modified maleic resin		
FLK-893	Gum rosin		
FLK-894	Gum rosin		
FLK-895	Rosin-modified phenolic resin		
FLK-896	Rosin-modified phenolic resin		
FLK-897	Hydrogenated terpene resin		

FLK-898	Petroleum resin C5		
FLK-899	Petroleum resin aromatic		
FLK-916	Polypropylene/polyphenylene ether ; PP/PPE		✓
FLK-917	Styrene-maleic anhydride-methyl methacrylate copolymer ; S/MAH/MMA		✓
FLK-918	Styrene-2-isopropenyl-2-oxazoline copolymer ; S/IPOZ		✓
FLK-919	Polyvinyl chloride polyacrylate grafted ; PVC-g-PAE		✓
FLK-920	Pullulan		✓
FLK-921	High-hardness polycarbonate ; HH-PC		✓
FLK-922	Polycarbonate/polytetrafluoroethylene ; PC/PTFE		✓
FLK-923	Polyketone [Poly(ethylene-propylene-carbon monooxide)]		✓
FLK-924	Poly(hexamethylenediamine-terephthalic acid/isophthalic acid/adipic acid) ; Nylon 6T/6I/66 copolymer ; PA6T/6I/66 copolymer [glass fiber reinforced]		✓
FLK-925	Poly(decamethylenediamine-furandicarboxylic acid) ; PA10F		✓
FLK-926	Polyimide benzophenonetetracarboxyl dianhydride type ; P84		✓
FLK-927	Polyetherimide ; PEI ; BPADA:MPD/PPD		✓

FLK-928	Polymethacrylimide ; PMI		✓
FLK-929	Poly(N-methylmethacrylimide) ; PMMI		✓
FLK-930	Polyphenylenesulfide/polyphenyleneether alloy ; PPS/PPE		✓
FLK-931	Cyanate resin (bisphenol A type, prepolymer)		✓
FLK-932	Ethylene/vinyl acetate/acrylic ester terpolymer ; E/VA/AE		✓
FLK-933	(Ethylene/styrene)-b-polystyrene ; (E/S)/PS		✓
FLK-934	Polyurethane [naphthalene diisocyanate/butanediol ; NDI/BD]		✓
FLK-935	Polyurea [toluene diisocyanate/hexamethylenediamine ; TDI/HMDA]		✓
FLK-936	Acrylic modified silicone ; AE-PDMS		✓
FLK-937	Acrylonitrile/acrylic rubber/styrene ; AAS		✓
FLK-938	Methyl methacrylate/butadiene/styrene ; MBS		✓
FLK-939	Methyl methacrylate/butadiene/styrene ; MBS		✓
FLK-940	Ethylene-propylene alternating copolymer; E-alt-P		✓
FLK-941	Polyurethane [toluene diisocyanate/butanediol ; TDI/BD]		✓

Polymer Library

Entry ID	Name	Newly Added in Ver.3.8
FLE-0101	Corrugated fiberboard (Polypropylene, SUNPLY HP30050)	
FLE-0102	Foam (Blistered, polyethylene, SOFTLON Z LD15)	
FLE-0103	Foam (Blistered, polyethylene, SOFTLON Z HD30)	
FLE-0104	Paper tube	
FLE-0105	Paper (Thin, Miroku)	
FLE-0106	Adhesive agent (Jet-Melt 3792LM)	
FLE-0107	Film sheet (Polyester, Hostaphan 43SM)	
FLE-0108	Polyester and cotton	
FLE-0109	Paper (Acid-free, fiberboard, Archival board W)	
FLE-0110	Film (Polyester, RFT25)	
FLE-0111	Corrugated board (Polypropylene, Coloplast)	
FLE-0113	Paper (Thin, IL Tissue)	
FLE-0114	Tube (Poly(vinyl chloride), PVC)	
FLE-0115	Paper (Thin, SIL Tissue)	
FLE-0116	Screw (Polyethylene, plastic corrugated board)	
FLE-0201	Film (Poly(ethylene terephthalate), PET, Melinex 516)	
FLE-0202	Film (Poly(ethylene terephthalate), PET, Teijin Tetoron film)	
FLE-0203	Film (Poly(ethylene terephthalate), PET, Lumiler #16S28)	
FLE-0204	Paper (Acid-free, Pure Mat)	
FLE-0205	Paper (Acid-free, Pure Guard 120)	
FLE-0206	Cotton tape (For historical material preservation, type A)	
FLE-0207	Cotton tape (For historical material preservation, type B)	
FLE-0208	Paper (Acid-free paper, back sizing label, AF Protect H)	
FLE-0209	Foam (Crosslinked polyethylene foam, Softlon S #3005)	
FLE-0210	Thick board (Crosslinked polyethylene foam, Softlon board #1500)	
FLE-0211	Thick board (Regular closed-cell polyethylene foam, Ethafoam wrapping paper)	
FLE-0212	Sheet (Regular closed-cell polyethylene foam, Ethafoam wrapping paper)	
FLE-0301	Alkyl ketene dimer (K-903)	
FLE-0302	Starch (Cationized)	

FLE-0303	Wood pulp (Needle-leaved tree bleached sulfurous acid pulp, NBSP)	
FLE-0304	Wood pulp (Needle-leaved tree bleached kraft pulp, NBKP)	
FLE-0305	Wood pulp (Needle-leaved tree bleached kraft pulp, NBKP)	
FLE-0306	Paper (Japanese paper, paper mulberry 100 %, 9 momme)	
FLE-0307	Paper (Thin roll)	
FLE-0308	Raw cotton	
FLE-0309	Film (Filmoplast R, acrylic adhesive agent)	
FLE-0310	Non-woven fabrics (Polyethylene, Tyvek(R) #1073D)	
FLE-0311	Nylon (Carl-fastener)	
FLE-0312	SR tube (Silicone rubber)	
FLE-0313	Foam (Polyethylene, SUNTEC foam, Q25)	
FLE-0314	Foam wrapping paper (Polyethylene, Ethafoam(R))	
FLE-0401	Sheet (Silicone rubber)	
FLE-0402	Paste (Carboxymethylcellulose, CMC, Serogen 3H)	
FLE-0403	Paper (Non-buffer paper, Pure Guard 120 white)	
FLE-0404	Paper (Storing box)	
FLE-0405	Cotton (Supima, unbleached, Japanese product)	
FLE-0406	Wrapping film (Polyethylene, YUKAWRAP)	
FLE-0407	Tape (Double coated, polyester, ST-415, adhesive agent: acrylic)	
FLE-0408	Tape (Double coated, polyester, 4591HH, adhesive agent: acrylic)	
FLE-0409	Paper (Neutral glassine, thin paper)	
FLE-0410	Hemp (Manila hemp, 100%, roll)	
FLE-0411	Bag (Polyethylene, for business use)	
FLE-0412	Bag (Polyethylene, with chuck)	
FLE-0413	Paper (Shelf board, high weighting-resistant honeycomb structure)	
FLE-0414	Paper (Shelf board, neutral paper honeycomb structure)	
FLE-0501	Rayon (Regenerated cellulosic fiber)	
FLE-0502	Adhesive tape (Rayon, filmoplast SH)	
FLE-0503	Pulp (AF hard board, thickness : 0.45mm)	
FLE-0504	Non-woven fabrics (Bright, rayon and pulp mixed)	
FLE-0505	Non-woven fabrics (Mesh, rayon and pulp mixed)	

FLE-0506	Filter paper 1chr (Qualitative use, cellulose)	
FLE-0507	Filter paper 3MMchr (Qualitative use, cellulose)	
FLE-0508	Paint (Acrylic resin, titanium white)	
FLE-0509	Rubber for display (Styrene-butadiene rubber, NR SHEET T2-500W x 1000T)	
FLE-0510	Soft rubber (Chloroprene rubber and inorganic carbonate, for display)	
FLE-0511	Paper (Felt for display, gray)	
FLE-0512	Paper (Wallpaper, LY-1929 plain textile for display)	
FLE-0513	Starch glue (Fueki starch)	
FLE-0514	Acrylic resin (Color tone No. 310 light blue)	
FLE-0601	Plywood 4 (Immediately sealed up after acquisition)	
FLE-0602	Plywood 4 (Sealed up after setting outside for 40 days)	
FLE-0603	Plywood 4 (Sealed up after setting outside for 50 days)	
FLE-0604	Plywood 4 (Sealed up after setting in exhibit space for 10 days)	
FLE-0605	Plywood 4 (Sealed up after setting in exhibit space for 40 days)	
FLE-0606	Plywood 4 (Sealed up after setting in exhibit space for 50 days)	
FLE-0607	Paper (Pure mat white, heavy, cellulose)	
FLE-0608	Paper (Pure mat cream, extra heavy, cellulose)	
FLE-0609	Paper (Archival board, cellulose)	
FLE-0610	Paper (Japanese paper, new paper mulberry 30%, recycling paper mulberry 70%)	
FLE-0611	Tape (Double-side, ST-415 No.1)	
FLE-0612	Tape (Double-side, ST-415 No.2)	
FLE-0613	Tape (Double-side, ST-415 No.3)	
FLE-0614	Tape (Double-side, ST-416P)	
FLE-0701	Plywood 4 cross section (Immediately sealed up after acquisition)	
FLE-0702	Plywood 4 cross section (Sealed up after setting outside for 40 days)	
FLE-0703	Plywood 4 cross section (Sealed up after setting outside for 50 days)	
FLE-0704	Plywood 4 cross section (Sealed up after setting in exhibit space for 10 days)	
FLE-0705	Plywood 4 cross section (Sealed up after setting in exhibit space for 40 days)	
FLE-0706	Plywood 4 cross section (Sealed up after setting in exhibit space for 50 days)	
FLE-0707	Resin sheet (Polypropylene, thickness : 1mm)	
FLE-0708	Resin sheet (Polyethylene, thickness : 1mm)	

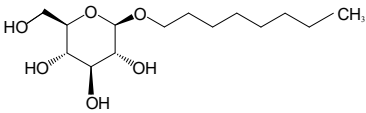
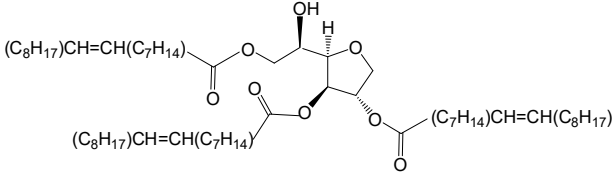
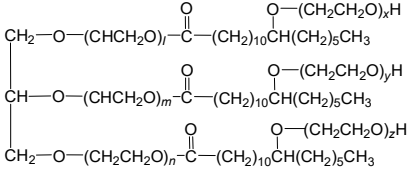
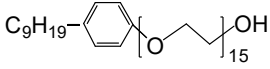
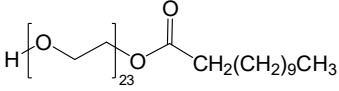
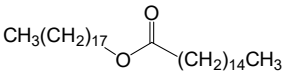
FLE-0709	Paper (Wall paper, Display Design ynk 411)	
FLE-0710	Cloth (G Poplin T-2000 17, G17)	
FLE-0711	Paper (LY-6891)	
FLE-0712	Adhesive sheet (Ethylene-acrylic acid copolymer, HKC-875)	
FLE-0713	Cloth No.1 (Subsidiary display material)	
FLE-0714	Cloth No.2 (Subsidiary display material, gauze)	
FLE-0801	Paper (True core archival boxboard slide bins)	
FLE-0802	Adhesive part (True core archival boxboard slide bins)	
FLE-0803	Paper (Partition, microchamber board)	
FLE-0804	Paper (Slide mount board, white, 35mm)	
FLE-0805	Film (Inside of HOSHO negative film folder 135 mm, polypropylene)	
FLE-0806	Paper (Inside of negative cover 120 mm, glassine paper)	
FLE-0807	Paper (Archival Labels, acid-free)	
FLE-0808	Paper (Archival Laser Labels, acid-free, acrylic adhesive agent)	
FLE-0809	Archival Polyweld Pockets APS 06B (Poly(ethylene terephthalate), PET, Melinex516/O)	
FLE-0810	Clear bag (Polypropylene, Film pack 120)	
FLE-0811	Mount (Polyethylene, milky white mount of Film pack 120)	
FLE-0812	Clear bag (Polypropylene, OP-69)	
FLE-0813	Paper (Adsorption board No.1, preservation box)	
FLE-0814	Paper (Japanese paper, Torinoko YB332)	
FLE-0901	Paper (Japanese paper)	
FLE-0902	SR tube (Silicone rubber, SR-1554, 1mm x 2mm x 100mm)	
FLE-0903	Silicone tube (External diameter: 2mm, internal diameter: 1mm)	
FLE-0904	Polytetrafluoroethylene (PTFE) tube (External diameter: 2mm, internal diameter: 1mm, thickness: 0.5mm)	
FLE-0905	Polytetrafluoroethylene-perfluoroalkylvinylether (PFA) tube (external diameter: 2mm, internal diameter: 1mm, thickness: 0.5mm)	
FLE-0906	Tygon tube (R-3603, external diameter: 3.18mm, internal diameter: 1.59mm, thickness: 0.8mm)	
FLE-0907	NDL label 1 (Label for collected material)	
FLE-0908	NDL label 2 (Label for arrangement of books)	
FLE-0909	NDL label 3 (Label for serial publication)	
FLE-0910	NDL label 4 (Old retroactivity label)	
FLE-0911	NDL label 5 (LC-1 label)	

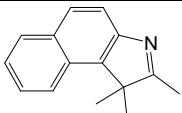
FLE-0912	NDL label 6 (LC-2 label)	
FLE-0913	NDL label 7 (LC-3 label Computype TS505)	
FLE-0914	NDL label 8 (LC-4 label QC1056)	
FLE-0915	NDL label 9 (LC-5 label QC1502)	
FLE-1001	Tube bandage (NE192 No.2)	
FLE-1002	Tape (Double-faced, black, width: 10mm)	
FLE-1003	Microchamber board (Outside: alkali buffer paper)	
FLE-1004	Microchamber board (Middle: active charcal and molecular sieve)	
FLE-1005	Microchamber board (Inside: neutral paper)	
FLE-1006	Non-woven fabrics (NR91050, Rayon + pulp mixed)	
FLE-1007	Deteriorated book of Japanese Diet Library No.12 (Edge)	
FLE-1008	Deteriorated book of Japanese Diet Library No.12 (Middle)	
FLE-1009	Bubble wrap (Polyethylene, #40)	
FLE-1010	Substrate of adhesive tape (Polyethylene, Pyolan cloth for curing Y09CL)	
FLE-1012	Preservation box (Proof processing, polypropylene film)	
FLE-1013	Preservation box (Olefin-based adhesive)	
FLE-1101	Non-woven fabrics KP8340	
FLE-1102	Non-woven fabrics KP8380	
FLE-1103	Non-woven fabrics KP9340	
FLE-1104	Non-woven fabrics KP9380	
FLE-1105	Polyethylene sheet (L-LDPE)	
FLE-1201	Cloth EU-21	
FLE-1202	Cloth EU-184	
FLE-1203	Cloth EU-212	
FLE-1204	Moisture proof sheet (Polyethylene, polypropylene and polyester)	
FLE-1205	Wrapping film (Vinyl chloride-vinylidene chloride copolymer, P(VC-VdC), moisture proof sheet)	
FLE-1206	Plywood t: 12mm (Front, pink surface)	
FLE-1207	Plywood t: 12mm (Back, green surface)	
FLE-1208	Plywood t: 12mm (Cross section)	
FLE-1209	Urethane clear coating (Aqurex No.3350, aqueous)	
FLE-1210	Inside of container (Polyethylene)	

FLE-1211	Inner lid of container (Polyethylene)	
FLE-1212	Adhesive agent (Moisture proof sheet tape, aluminium tape)	
FLE-1213	Substrate of moisture proof sheet tape (Polypropylene)	
FLE-1214	Adhesive agent (Moisture proof sheet tape)	
FLE-1301	Cloth YD401-1	
FLE-1302	Cloth YD405-1	
FLE-1303	Japanese paper (Torinoko YB305)	
FLE-1304	Japanese paper (Torinoko YB326)	
FLE-1305	Japanese paper (Torinoko YB330)	
FLE-1306	Matte paper (SC628)	
FLE-1307	Acrylic plate Comoglas transparency (t: 8mm)	
FLE-1308	Cloth undercoating sealer (Seal up)	
FLE-1309	Cloth undercoating sealer (Plazol SS)	
FLE-1310	Cloth putty (Revlon)	
FLE-1311	Cloth paste (Adhesive, health coat)	
FLE-1312	Cotton (Raw cotton)	
FLE-1313	Adhesive agent (Starch-based, for wallpaper)	
FLE-1314	Tape (Transparent, Scotch R)	

Polymer Library

Entry ID	Name	Structure Formula	Newly Added in Ver.3.8
FTI-101	Sodium dodecyl sulfate	$\text{ONa}-\text{SO}_3^--(\text{CH}_2)_{11}\text{CH}_3$	✓
FTI-107	Polyoxyethylene lauryl ether (Brij-35)	$\text{C}_{12}\text{H}_{25}[\text{O}(\text{CH}_2\text{CH}_2)]_{23}\text{OH}$	✓
FTI-108	Alkylphenol polyoxyethylene ether (Triton X-100)		✓
FTI-109	Stearic acid monoglyceride	$\text{CH}_3(\text{CH}_2)_{16}\text{COOCH}_2\text{CH}(\text{OH})\text{CH}_2\text{OH}$	✓
FTI-112	Sodium poly(oxyethylene) alkylether sulfate	$\text{NaO}-\text{SO}_3^--[\text{O}(\text{CH}_2\text{CH}_2)]_n(\text{CH}_2)_{11}\text{CH}_3$	✓
FTI-114	Sodium dodecylbenzene sulfonate		✓
FTI-115	Hexadecyltrimethylammonium bromide	$\text{CH}_3(\text{CH}_2)_{15}-\text{N}^+(\text{CH}_3)_3 \text{Br}^-$	✓
FTI-116	CHAPS		✓
FTI-117	Alkylbetaine	$\text{CH}_3(\text{CH}_2)_{10}\text{CH}_2-\text{N}^+(\text{CH}_3)_2-\text{CH}_2\text{COO}^-$	✓
FTI-118	Alkylamine oxide	$\text{CH}_3(\text{CH}_2)_{10}\text{CH}_2-\text{N}^+(\text{CH}_3)_2-\text{O}^-$	✓
FTI-119	Stearyltrimethylaminium bromide; STAB	$\text{CH}_3(\text{CH}_2)_{17}-\text{N}^+(\text{CH}_3)_3 \text{Br}^-$	✓
FTI-120	Benzalkonium chloride		✓
FTI-121A	Tween20 (Polyethylene glycol sorbitan monolaurate)		✓
FTI-121B	Tween80 (Polyethylene glycol sorbitan monolaurate)		✓

FTI-122	Octyl β-glucoside		✓
FTI-123	Sorbitan fatty acid ester		✓
FTI-124	Polyoxyethylene castor oil		✓
FTI-126	Polyoxyethylene(15) nonylphenyl ether		✓
FTI-127	Polyoxyethylene lauryl ether		✓
FTI-151	Coconut oil		✓
FTI-152	Neem oil		✓
FTI-153	Moringa oil		✓
FTI-155	Linseed oil		✓
FTI-157a	Argan oil (refined)		✓
FTI-157b	Argan oil (unrefined)		✓
FTI-158	Palm oil		✓
FTI-159	Shorteing oil		✓
FTI-160	Wheat germ oil		✓
FTI-162	Sesame oil		✓
FTI-163	Caster oil		✓
FTI-164	Olive oil		✓
FTI-165	Wood oil		✓
FTI-166	Shea butter		✓
FTI-167a	Cocoa butter (dark light)		✓
FTI-167b	Cocoa butter (light yellow)		✓
FTI-169	Sunflower oil		✓
FTI-170	Perilla oil		✓
FTI-171	Peanut oil		✓
FTI-172	Corn oil		✓
FTI-173	Camellia oil		✓
FTI-201	Horse oil		✓
FTI-202	Lanolin		✓
FTI-203	Fish oil		✓
FTI-204	Krill oil		✓
FTI-205	Beef tallow		✓
FTI-206	Lard		✓
FTI-207	Mink oil		✓
FTI-208	Butter		✓
FTI-155D	Linseed oil deteriorated		✓

FTI-157D	Argan oil deteriorated		✓
FTI-158D	Palm oil deteriorated		✓
FTI-162D	Sesame oil deteriorated		✓
FTI-163D	Caster oil deteriorated		✓
FTI-164D	Olive oil deteriorated		✓
FTI-165D	Wood oil deteriorated		✓
FTI-166D	Shea butter deteriorated		✓
FTI-167D	Cocoa butter deteriorated		✓
FTI-170D	Perilla oil deteriorated		✓
FTI-172D	Corn oil deteriorated		✓
FTI-173D	Camellia oil deteriorated		✓
FTI-202D	Lanolin deteriorated		✓
FTI-203D	Fish oil deteriorated		✓
FTI-204D	Krill oil deteriorated		✓
FTI-205D	Beef tallow deteriorated		✓
FTI-206D	Lard deteriorated		✓
FTI-208D	Butter deteriorated		✓
FTI-251	PEG-40 hydrogenated castor oil	$ \begin{array}{c} \text{CH}_2-\text{O}-(\text{CHCH}_2\text{O})_l-\text{C}(=\text{O})-(\text{CH}_2)_{10}\text{CH}(\text{CH}_2)_5\text{CH}_3 \\ \\ \text{CH}-\text{O}-(\text{CHCH}_2\text{O})_m-\text{C}(=\text{O})-(\text{CH}_2)_{10}\text{CH}(\text{CH}_2)_5\text{CH}_3 \\ \\ \text{CH}_2-\text{O}-(\text{CH}_2\text{CH}_2\text{O})_n-\text{C}(=\text{O})-(\text{CH}_2)_{10}\text{CH}(\text{CH}_2)_5\text{CH}_3 \end{array} $	✓
FTI-252	Stearic acid wax	$ \text{CH}_3(\text{CH}_2)_{15}\text{CH}_2-\text{C}(=\text{O})\text{OH} $	✓
FTI-253	Carnauba wax	$ \text{C}_{25}\text{H}_{51}-\text{C}(=\text{O})\text{O}-\text{C}_{30}\text{H}_{61} $ Various chain length	✓
FTI-254	Candelilla wax		✓
FTI-255	Micro wax	$ \text{---}[\text{CH}_2\text{CH}_2]_n\text{---} $	✓
FTI-256	Gel wax		✓
FTI-257	Paraffin wax	$ \text{---}[\text{CH}_2\text{CH}_2]_n\text{---} $	✓
FTI-258	Bee wax	$ \text{C}_{15}\text{H}_{31}-\text{C}(=\text{O})\text{O}-\text{C}_{30}\text{H}_{61} $ Various chain length	✓
FTI-259	Japan wax		✓
FTI-260	Palm emulsified wax		✓
FTI-261	White wax	$ \text{C}_{15}\text{H}_{31}-\text{C}(=\text{O})\text{O}-\text{C}_{30}\text{H}_{61} $ Various chain length	✓
FTI-262	Ligustrum wax		✓
FTI-263	Vaseline		✓
FTI-266	Montan wax system	$ \text{C}_{27-31}\text{H}_{55-63}-\text{C}(=\text{O})\text{O}-\text{C}_{24-30}\text{H}_{49-61} $	✓
FTI-268	Amide wax	$ \text{CH}_3(\text{CH}_2)_{16}-\text{C}(=\text{O})\text{NH}-\text{CH}_2\text{CH}_2\text{CH}_2-\text{NH}-\text{C}(=\text{O})-(\text{CH}_2)_{16}\text{CH}_3 $ Mixture of fatty acid amides (consists of C ₁₄ , C ₁₆ and C ₁₈)	✓
FTI-301	Sakhalin spruce		✓

FTI-302	Japanese hophornbeam		✓
FTI-303	Painted maple		✓
FTI-304	Japanese yew		✓
FTI-305	Ginkgo		✓
FTI-306	Japanese pagoda tree		✓
FTI-307	Japanese persimmon		✓
FTI-308	Katsura tree		✓
FTI-309	Buried katsura tree		✓
FTI-310	Birch		✓
FTI-311	Japanese torreyia		✓
FTI-312	Amur cork-tree		✓
FTI-313	Empress tree		✓
FTI-314	Camphor laurel		✓
FTI-315	Walnut		✓
FTI-317	Mulberry		✓
FTI-318	Japanese zelkova		✓
FTI-319	Japanese raisin tree		✓
FTI-320	Cherry blossom		✓
FTI-321	Sawara cypress		✓
FTI-322	Basswood		✓
FTI-323	Bird cherry		✓
FTI-324	Japanese red cedar		✓
FTI-325	Castor aralia		✓
FTI-326	Tabunoki		✓
FTI-327	Ash tree		✓
FTI-328a	Japan buried ash tree		✓
FTI-328b	Russia buried ash tree		✓
FTI-329	Japanese horsechestnut		✓
FTI-330	Hinoki cypress		✓
FTI-331	Japanese beech		✓
FTI-332	Japanese cucumber tree		✓
FTI-333	Japanese elm		✓
FTI-334	Japanese oak		✓
FTI-335	Giant dogwood		✓
FTI-336	Japanese cherry birch		✓
FTI-337	Ume tree		✓
FTI-338	Camellia		✓
FTI-339	Pinus parviflora		✓
FTI-340	Fire wood		✓
FTI-341	Agathis		✓
FTI-342	Alder		✓
FTI-343	Yellow poplar		✓
FTI-344	Oak		✓
FTI-345	Douglas fir		✓
FTI-346	Teak		✓
FTI-347	Cherry		✓
FTI-348	White pine		✓
FTI-349	Genuine mahogany		✓
FTI-350	Black walnut		✓
FTI-351	Maple		✓
FTI-352	White ash		✓

FTI-353	Hickory		✓
FTI-354	Birch		✓
FTI-355	Canada red cedar		✓
FTI-356	Indian rosewood		✓
FTI-357	Purpleheart		✓
FTI-358	Monkey-pod		✓
FTI-359	Chinese quince		✓
FTI-360	Ebony tree with blue line		✓
FTI-361	Ebony tree with red line		✓
FTI-362	Lignum vitae		✓
FTI-363	Bombay black wood		✓
FTI-364	Honduras rosewood		✓
FTI-365	Balsa		✓
FTI-366	Bamboo		✓
FTI-367	Cork		✓
FTI-368	Zebra wood		✓
FTI-369	Gold Hinoki cypress		✓
FTI-370	Beech		✓
FTI-371	High grade japanese red cedar		✓
FTI-401	Chlamydomonas reinhardtii		✓
FTI-402	Chlorella		✓
FTI-403	Hijiki seaweed		✓
FTI-404	Sea lettuce		✓
FTI-405	Spirulina		✓
FTI-406	Kelp		✓
FTI-407	Laver		✓
FTI-502	Spinach powder		✓
FTI-504	Lotus root powder		✓
FTI-506	Burdock powder		✓
FTI-507	Squash powder		✓
FTI-509	Corn powder		✓
FTI-510	Germinated brown rice powder		✓
FTI-511	Yuzu powder		✓
FTI-513	Lemon powder		✓
FTI-514	Strawberry powder		✓
FTI-516	Mango powder		✓
FTI-517	Blueberry powder		✓
FTI-518	Passion fruit powder		✓
FTI-519	Banana powder		✓
FTI-520	Parsley		✓
FTI-521	Coriander		✓
FTI-523	Green perilla		✓
FTI-526	Walnut		✓
FTI-527	Almond		✓
FTI-529	Peanut		✓
FTI-530	Cashew nut		✓
FTI-531	Kiwifruit pollen		✓
FTI-532	Chrysanthemum (petal)		✓
FTI-533	Chrysanthemum (stem)		✓
FTI-534	Chrysanthemum (pollen)		✓
FTI-535	Lily (petal)		✓

FTI-536	Lily (stem)		✓
FTI-537	Lily (pollen)		✓
FTI-538	Laurel		✓
FTI-540	Japanese mustard spinach powder		✓
FTI-542	Basil		✓
FTI-544	Smaller white-moss		✓
FTI-545	Mugwort powder		✓
FTI-546	Carrot powder		✓
FTI-547	Ginger powder		✓
FTI-548	Sweet potato powder		✓
FTI-601	Beef (loin)		✓
FTI-602	Chicken		✓
FTI-603	Pork (loin)		✓
FTI-604	Horse meat (loin)		✓
FTI-605a	Egg white		✓
FTI-605b	Egg white (dry)		✓
FTI-606a	Egg yolk		✓
FTI-606b	Egg yolk (dry)		✓
FTI-611	Dirt		✓
FTI-612	Dandruff		✓
FTI-613	Hair		✓
FTI-618	Dog hair		✓
FTI-619	Cat hair		✓
FTI-621	Feather		✓
FTI-622	Wool		✓
FTI-623	Nail		✓
FTI-625	Squid		✓
FTI-627b	Squid ink (powder)		✓
FTI-628	Salmon roe		✓
FTI-629	Fish cartilage		✓
FTI-630	Shrimp meat		✓
FTI-631	Shrimp shell		✓
FTI-632	Scallops		✓
FTI-633	Freshwater clam		✓
FTI-634	Manila clam		✓
FTI-635	Tuna		✓
FTI-636	Japanese killifish		✓
FTI-637	Ant		✓
FTI-638	Sludge worm		✓
FTI-640	Blood worm		✓
FTI-644	Spider thread		✓
FTI-645	Bird droppings		✓
FTI-701	Apple juice		✓
FTI-702	Beer		✓
FTI-703	Chocolate		✓
FTI-704	White chocolate		✓
FTI-705	Medium thick sauce		✓
FTI-706	Tiovita Drink		✓
FTI-707	Green tea		✓
FTI-708	Ketchup		✓
FTI-709	Lemon juice		✓

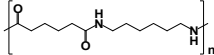
FTI-710	Mayonnaise		✓
FTI-711	Milk		✓
FTI-712	Barley shochu		✓
FTI-713	Mustard		✓
FTI-714	Orange juice		✓
FTI-715	Soy sauce		✓
FTI-716	Yogurt drink		✓
FTI-717	Coffee		✓
FTI-718	Tobacco (extra light)		✓
FTI-719	Tobacco		✓
FTI-720	Rice flour		✓
FTI-721	Potato starch		✓
FTI-722	Coconut powder		✓
FTI-723	Yogurt powder		✓
FTI-724	White rice bran powder		✓
FTI-725	Buttermilk powder		✓
FTI-726	Flour		✓
FTI-727	Flour (fried)		✓
FTI-728	Sugar (caramel)		✓
FTI-815	Synthetic gear oil for the food industry		✓

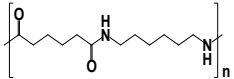
Polymer Library

Entry ID	Name	Structure Formula	Newly Added in Ver.3.8
FLF-001	Cotton (STW-4020, Omikenshi)		✓
FLF-002a	Cotton (Romancol, Kanebo)		✓
FLF-002b	Cotton (Romancol, Kanebo)		✓
FLF-002c	Cotton (Romancol, Kanebo)		✓
FLF-003	Cotton 45%, Polyester 45%, Nylon 10% (Savina, Kanebo)		✓
FLF-004	Cotton and Polyester interknitted (Corebell, Kanebo)		✓
FLF-005	Cotton (Herb dyeing, Kanebo)		✓
FLF-006	Cotton 70%, Linen 30% (Liracot, Kurabo)		✓
FLF-007	Cotton (Oil Cloth, Kurabo)		✓
FLF-008	Cotton 35%, Polyester 65% (Reversible dyeing, Kurabo)		✓
FLF-009	Cotton (Indigo knit, Kurabo)		✓
FLF-010	Cotton (Paraffin coated cloth, Kurabo)		✓
FLF-011	Cotton (Non-twisted soft pile yarn, Shikibo)		✓
FLF-012	Cotton (White Nile S, Shikibo)		✓
FLF-013	Cotton (Shikibo touch, Shikibo)		✓
FLF-014	Cotton 60%, Polyester 40% (Embossing finish, Shikibo)		✓
FLF-015	Cotton and Wool mixed spinning (Biansho, Shinnai Textile)		✓
FLF-016	Cotton (BION, Ichibo)		✓
FLF-017	Cotton (Mitafy, Daiwabo)		✓
FLF-018	Cotton 50%, Polyester 50% (Duron, Daiwabo)		✓
FLF-019	Cotton (Ventile, Daiwabo)		✓
FLF-020	Cotton (Pile, Daiwabo)		✓
FLF-021	Fireproof Cotton (Daiwabo Proban, Daiwabo)		✓
FLF-022	Cotton (Sea-island cotton twill, Docobo)		✓
FLF-023	Cotton (Viewline, Toyobo)		✓
FLF-024	Cotton 67%, Polyester 33% (Alsace, Toyobo)		✓

FLF-025	Cotton (Open-end textile, Toyobo)		✓
FLF-026	Cotton (Rigran, Toyobo)		✓
FLF-027	Cotton (Maycare, Toyobo)		✓
FLF-028	Cotton 70%, Polyester 30% (Magical, Toyobo)		✓
FLF-029	Cotton (McRoyal DX, Nisshinbo)		✓
FLF-030	Cotton (Permanent wrinkles, Nisshinbo)		✓
FLF-031	Cotton (Peach fresh, Nisshinbo)		✓
FLF-032	Cotton (Trepesca, Nisshinbo)		✓
FLF-033	Cotton (Kotorenu, Nittobo)		✓
FLF-034	Cotton 70%, Wool 30% (BOELA, Nittobo)		✓
FLF-035	Cotton 45%, Polyester 55% (Shanline, Nittobo)		✓
FLF-036	Cotton 35%, Polyester 65% (Pilfree, Nittobo)		✓
FLF-037	Cotton 98%, Polyurethane 2% (CSY, Nittobo)		✓
FLF-038	Cotton 100% (Tornasole, Peru pima cotton, Fujibo)		✓
FLF-039	Cotton (Duplice, Fujibo)		✓
FLF-040	Cotton (Winfect, Fujibo)		✓
FLF-041	Supima cotton (Supima viera, Yunieisu)		✓
FLF-042	Cotton (Turpan, Unitika)		✓
FLF-043	Cotton 60%, Polyester 40% (Palpa, Unitika)		✓
FLF-044	Cotton 50%, Polyester filament 50% (Opal finishing, Unitika)		✓
FLF-045	Cotton 60%, Polyester 40% (Highsquash super, Unitika)		✓
FLF-046	Hemp (1214, Teikoku Sen-i)		✓
FLF-047	Hemp (7415, Teikoku Sen-i)		✓
FLF-048	Hemp (30 crush, Teikoku Sen-i)		✓
FLF-049	Hemp (325, Teikoku Sen-i)		✓
FLF-050	Hemp (LF650, Teikoku Sen-i)		✓
FLF-051	Ramie (#8000, Tokyo Ramie Spinning)		✓
FLF-052	Ramie (#18871-B, Tokyo Ramie Spinning)		✓

FLF-053	Linen, Ramie and Teton mixed-spinning (TM6017, Tokyo Ramie Spinning)		✓
FLF-054	Ramie (R600, Tosco)		✓
FLF-055	Ramie (R1800, Tosco)		✓
FLF-056	Ramie and Linen mixed-spinning (RL1555, Tosco)		✓
FLF-057	Linen (L16061, Tosco)		✓
FLF-058	Ramie (R81, Tosco)		✓
FLF-059	Polyester 55%, Wool 45% (Winbell, Kanebo)		✓
FLF-060	Silk 30%, Wool 70% (Silk/wool, Kanebo)		✓
FLF-061	Wool (Saxony, Kanebo)		✓
FLF-062	Wool 55%, Acrylic 45% (SL-550, Kaneyo)		✓
FLF-063	Wool 85%, Hemp 15% (Etamine, Kurabo)		✓
FLF-064	Wool 50%, Hemp 45% (Canbus, Kurabo)		✓
FLF-065	Merino extra fine wool (VINTAGE, Daitobo)		✓
FLF-066	Merino (Million Z, Daidoh)		✓
FLF-067	Merino (Million Z stretch, Daidoh)		✓
FLF-068	Extra fine wool lamb (Super lamb, Chuo-Keori)		✓
FLF-069	Lambs wool 65%, Alpaca 35% (Alpaca lamb, Chuo-Keori)		✓
FLF-070	Cross bred wool (Corriedale, Toabo)		✓
FLF-071a	British wool 50%, Falkland wool 50% (Blue face, Toabo)		✓
FLF-071b	British wool 50%, Falkland wool 50% (Blue face, Toabo)		✓
FLF-072	Shrink-resistant Merino wool (SuperDylan, Toabo)		✓
FLF-073a	Wool 50%, Cotton 50% (Singlade, Toyobo)		✓
FLF-073b	Wool 50%, Cotton 50% (Singlade, Toyobo)		✓
FLF-074	Wool (Filene, Toyobo)		✓
FLF-075	Wool (Ranlene, Toyobo)		✓
FLF-076a	Wool (Extra fine wool, I.S.T)		✓
FLF-076b	Wool (Extra fine wool, I.S.T)		✓
FLF-077	Extra fine wool 70%, Cashmere 30% (Cashmere, I.S.T)		✓

FLF-078	Merino wool (SAN600, Nikke)		✓
FLF-079	Warp: Cashmere and Wool, Woof: Turkish mohair and Wool (Cashmere turkish mohair tropical, Nikke)		✓
FLF-080	Tasmania wool (Super double cross, Nikke)		✓
FLF-081	Fine wool 60%, Strong wool 40%, Multi-layered yarn (Bonbulcy, Unitika)		✓
FLF-082	Wool 70%, Rayon 30% (Siluchia-W, Unitika)		✓
FLF-083	Wool (Machine washable textile, IWS)		✓
FLF-084	Wool (Lustered wool textile, IWS)		✓
FLF-085	Silk (Fuji-kinu 5000, Kanebo)		✓
FLF-086	Silk (Kenboaya 5422, Kanebo)		✓
FLF-087a	Silk (Shoken, Komatsubara)		✓
FLF-087b	Silk (Shoken, Komatsubara)		✓
FLF-088	Silk (Crape dechine, Sankyo-Textile)		✓
FLF-089	Silk (Georgette crape, Sankyo-Textile)		✓
FLF-090	Silk (Silk organdie, Sankyo-Textile)		✓
FLF-091	Warp: Raw silk, Woof: Rayon (Duchess satin, Daito)		✓
FLF-092	Silk (Silk taffeta, Daito)		✓
FLF-093	Silk (Tango-chirimen, Tango-textile)		✓
FLF-094	Silk (Hitokoshi-chirimen, Hama-chirimen)		✓
FLF-095	Polyester filament (Setarina Fine, Kanebo)		✓
FLF-096	Polyester (June Sowaie, Asahi-Kasei)		✓
FLF-097	Polyester yarn of blended filaments with different shrinkage (Shandera, Kanebo)		✓
FLF-098	Polyester (Cynthia, Kuraray)		✓
FLF-099	Polyester yarn of blended filaments with different shrinkage (Mixel III, Teijin)		✓
FLF-100	Polyester filament (Cryspel-100, Toyobo)		✓
FLF-101	Polyester filament (Delfino, Toyobo)		✓
FLF-102	Polyester (Sillook II, Toray)		✓
FLF-103	Polyester (Silmie 5, Unitika)		✓
FLF-104	Polyester, Rayon (40/60) (Misty, Kuraray)		✓
FLF-105	Polyester (Pureace, Teijin)		✓
FLF-106	Polyester (Sillook III, Toray)		✓
FLF-107	Nylon 66 (Leona, Asahi-Kasei)		✓

FLF-108a	Acrylic filament black part (Pewlon, Asahi-Kasei)		✓
FLF-108b	Acrylic filament brown part (Pewlon, Asahi-Kasei)		✓
FLF-109	Cupra (Bemberg Fine 50, Asahi-Kasei)		✓
FLF-110	Rayon, Polyester (Reniel, Asahi-Kasei)		✓
FLF-111	Triacetate filament, Viscose rayon (Lubecca, Mitsubishi Rayon)		✓
FLF-112	Polyester Special processed yarn (Bellshirry, Kanebo)		✓
FLF-113	Polyester filament of U type cross section (Vivan, Kanebo)		✓
FLF-114	Polyester (Etolina, Kuraray)		✓
FLF-115	Polyester (Special slub yarn) (Sharail, Teijin)		✓
FLF-116	Polyester (Tetoace, Taspas, Toray)		✓
FLF-117	Polyester filament (Ramillon, Mitsubishi Rayon)		✓
FLF-118	Polyester (Lister, Kuraray)		✓
FLF-119	Acrylic staple (Colax, Mitsubishi Rayon)		✓
FLF-120	Triacetate filament, Polyester filament (Minyon, Mitsubishi Rayon)		✓
FLF-121	Polyester (Soloswaie, Asahi-Kasei)		✓
FLF-122	Polyester (LLW, Kuraray)		✓
FLF-123	Polyester staple/Cotton (Core/Sheath) (Skiet, Toyobo)		✓
FLF-124	Polyester filament (Furano21, Kanebo)		✓
FLF-125	Polyester (Menitone, Toray)		✓
FLF-126	Polyester (Polyester staple) (Salmii, Teijin)		✓
FLF-127	Polyester (Bulk textured yarn of composite multi-layer structure) (Milpa, Teijin)		✓
FLF-128	Polyester filament / Wool (Manerd W, Toyobo)		✓
FLF-129	Polyester (Starkle, Unitika)		✓
FLF-130	Polyester, Polyurethane (Lamous, Asahi-Kasei)		✓
FLF-131	Polyester and Nylon conjugated fiber (Savina CK, Kanebo)		✓
FLF-132	Polyester and Nylon conjugated fiber (Belima X) (Bellseime, Kanebo)		✓
FLF-133	Polyester, Polyamide (Specific composite ultrafine yarn) (Hilake, Teijin)		✓
FLF-134	Artificial leather of nonwoven fabric structure (Ecsaine, Toray)		✓
FLF-135	Acrylic staple, Polyester filament, Polyurethane, Artificial leather of nonwoven fabric structure, Acrylic micro fiber, Special Polyester filament, Leathery material (Glore, Mitsubishi Rayon)		✓
FLF-136	Acrylic staple, Polyester filament, Polyurethane, Artificial leather of nonwoven fabric structure, Acrylic micro fiber, Special Polyester filament, Leathery material (mirror surface type) (Pamiena, Mitsubishi Rayon)		✓
FLF-137	Polyester (Pazy, Teijin)		✓
FLF-138	Polyester filament (Riviera, Toyobo)		✓
FLF-139	Polyester filament, Cotton (Manerd C, Toyobo)		✓
FLF-140	Polyester filament (Confire, Toyobo)		✓
FLF-141a	Polyester filament (Silsonet, Toyobo)		✓
FLF-142	Polyester staple (micro-polyester/polynosic tufcel) (Luquia, Toyobo)		✓
FLF-143	Nylon process yarn (Torim, Kanebo)		✓
FLF-144	Nylon and Polyester blended yarn (Soiris NP, Kanebo)		✓
FLF-145	Nylon, Polyester (50/50) (Litelas, Toray)		✓
FLF-147	Polyester (Eizac, Teijin)		✓
FLF-148	Nylon 66 (Leona) (Leothermo, Asahi-Kasei)		✓

FLF-149	Polyvinyl chloride (Tevilon, Teijin)	$\left[\begin{array}{c} \text{H} \quad \text{Cl} \\ \quad \\ \text{---C---C---} \\ \quad \\ \text{H} \quad \text{H} \end{array} \right]_n$	✓
FLF-150	Nylon (Cottlan, Toray)		✓
FLF-151	Acrylic, Polyester (Solcy, Asahi-Kasei)		✓
FLF-152	Polyester (Spassy, Unitika)		✓
FLF-153	Polyester filament (Belantic X, Kanebo)		✓
FLF-154	Nylon (Sibe, Asahi-Kasei)		✓
FLF-155	Acrylic staple (AqualonWM) (Aqualon, Kanebo)		✓
FLF-156	Polyester, Polyamide (Specific composite ultrafine yarn) (Hilake, Ellettes, Teijin)		✓
FLF-157	Polyester (Gymstar, Unitika)		✓
FLF-158	Polyester (Fancela, Kuraray)		✓
FLF-159	Polyester filament (Denis TB, Mitsubishi Rayon)		✓
FLF-160	Polyester and Nylon conjugated fiber (Savina DP, Kanebo)		✓
FLF-161	Nylon (Polus, Teijin)		✓
FLF-162	Nylon (Splash V, Unitika)		✓
FLF-163	Nylon filament (Lavock 1000, Kanebo)		✓
FLF-164	Polyester, Cotton (65/35) (Entrant, Toray)		✓
FLF-165	Composite Laminate cloth, Surface: Nylon, Inside: Moisture permeable special Polyurethane film, Back side: Acrylic 1/36, Polyurethane (Lavock pelle, Kanebo)		✓
FLF-166	Antistatic polyester filament, Conductive filament (Belltron) (Angelus III, Kanebo)		✓
FLF-167	Polyester (Tetron, Rapia, Teijin)		✓
FLF-168	Polyester (Tetoace, Parel, Toray)		✓
FLF-169	Polyester, Cotton (Epikouros, Unitika)		✓
FLF-170	Polyester (Sky Up-7, Unitika)		✓
FLF-171a	Polyester filament (Cation-dyeable yarn) (Saffi, Kanebo)		✓
FLF-172	Polyester (Polyester super-microcrater fiber) (SN2000, Kuraray)		✓
FLF-173	Polyester (Ordinary-pressure cation-dyeable) (Meltop, Teijin)		✓
FLF-174	Polyester staple, Cotton (Colorfine C, Toyobo)		✓
FLF-175	Polyester staple, Wool (Colorfine W, Toyobo)		✓
FLF-176	Polyester (Lumilet, Toray)		✓
FLF-177	Acrylic (Type K) (Melancica, Japan Exlan)		✓
FLF-178	Acrylic (Exlan Type H), Wool (70/30) (Repic, Japan Exlan)		✓
FLF-179	Nylon 66 (Leona) (Milarl, Asahi-Kasei)	$\left[\text{---O---CH}_2\text{---CH}_2\text{---CH}_2\text{---CH}_2\text{---C(=O)---NH---CH}_2\text{---CH}_2\text{---CH}_2\text{---CH}_2\text{---NH---} \right]_n$	✓
FLF-180	Polyester (Elifa, Kuraray)		✓
FLF-181	Fireproof polyester (Heim, Toyobo)		✓
FLF-182	Acrylic staple (Lufnen VH, Kanebo)		✓
FLF-183	Aromatic polyamide (Conex, Teijin)		✓
FLF-184	Polyester (Polybutylene terephthalate) (Artlon, Kuraray)		✓
FLF-185	Polyester (Crimpel high, Toyobo)		✓
FLF-186	Polyester (Stati, Unitika)		✓
FLF-187	Acrylic, Polyester (Highcall, Asahi-Kasei)		✓
FLF-188	Acrylic, Wool, Polyester (50/25/25) (Corpilon 2000, Toray)		✓
FLF-189	Nylon (Ever taffeta, Teijin)		✓
FLF-190	Acrylic staple (Swift, Mitsubishi Rayon)		✓

Polymer Library

Entry ID	Name	Structure Formula	Newly Added in Ver.3.8
FLA-005	Butyl acrylate-acrylic acid copolymer ; BA-AA [90: 10]	$\left[\text{CH}_2 - \underset{\substack{\text{C=O} \\ \\ \text{OC}_4\text{H}_9}}{\text{CH}} \right]_{0.9} \left[\text{CH}_2 - \underset{\substack{\text{C=O} \\ \\ \text{OH}}}{\text{CH}} \right]_{0.1}$	✓
FLA-006	2-Ethylhexyl acrylate-2-hydroxyethyl methacrylate-2-hydroxyethyl acrylate copolymer ; 2EHA-2HEMA-2HEA [45: 35: 20]	$\left[\text{CH}_2 - \underset{\substack{\text{C=O} \\ \\ \text{OCH}_2\text{CHC}_4\text{H}_9 \\ \\ \text{C}_2\text{H}_5}}{\text{CH}} \right]_{0.45} \left[\text{CH}_2 - \underset{\substack{\text{C=O} \\ \\ \text{OCH}_2\text{CH}_2\text{OH}}}{\overset{\text{CH}_3}{\text{C}}} \right]_{0.35} \left[\text{CH}_2 - \underset{\substack{\text{C=O} \\ \\ \text{OCH}_2\text{CH}_2\text{OH}}}{\text{CH}} \right]_{0.2}$	✓
FLA-007	Acrylic adhesive agent 001		✓
FLA-010	Acrylic oligomer		✓
FLA-011	Urethane acrylate oligomer 001		✓
FLA-012	Acrylic tape 001		✓
FLA-013	Acrylic tape 002		✓
FLA-014	Acrylic tape 003		✓
FLA-015	Acrylic adhesive agent 002		✓
FLA-017	Acrylic tape (5000NS, Nitto)		✓
FLA-018	Acrylic tape (5000N(C)B, Nitto)		✓
FLA-019	Acrylic tape (DAITAC LS-050H, DIC)		✓
FLA-020	Acrylic tape (TL-450S-16, Lintec)		✓
FLA-021	Acrylic tape (tesa 4972, TESA)		✓
FLA-022	Acrylic tape (7641, Teraoka Seisakusyo)		✓
FLA-023	Acrylic tape (7090, Teraoka Seisakusyo)		✓
FLA-024	Acrylic tape (7092, Teraoka Seisakusyo)		✓
FLA-025	Acrylic tape (707N, Teraoka Seisakusyo)		✓
FLA-026	Acrylic tape (631S, Teraoka Seisakusyo)		✓
FLA-027	Acrylic tape 004		✓
FLA-028	Butyl acrylate-acrylic acid copolymer ; BA-AA [94: 6]	$\left[\text{CH}_2 - \underset{\substack{\text{C=O} \\ \\ \text{OC}_4\text{H}_9}}{\text{CH}} \right]_{0.94} \left[\text{CH}_2 - \underset{\substack{\text{C=O} \\ \\ \text{OH}}}{\text{CH}} \right]_{0.06}$	✓
FLA-029	2-Ethylhexyl acrylate-methyl methacrylate-acrylic acid copolymer ; 2EHA-MMA-AA [70: 20: 10]	$\left[\text{CH}_2 - \underset{\substack{\text{C=O} \\ \\ \text{OCH}_2\text{CHC}_4\text{H}_9 \\ \\ \text{C}_2\text{H}_5}}{\text{CH}} \right]_{0.7} \left[\text{CH}_2 - \underset{\substack{\text{C=O} \\ \\ \text{OH}}}{\text{CH}}} \right]_{0.1} \left[\text{CH}_2 - \underset{\substack{\text{C=O} \\ \\ \text{OCH}_3}}{\overset{\text{CH}_3}{\text{C}}} \right]_{0.2}$	✓
FLA-030	Acrylic adhesive agent 003		✓
FLA-031	Acrylic adhesive agent 004		✓
FLA-032	Acrylic adhesive agent 005		✓
FLA-034	Acrylic tape (FC-217M-170, Furukawa Electric)		✓

FLA-035	Urethane acrylate oligomer 002		
FLA-036	Urethane acrylate oligomer 003		
FLA-037	Acrylic tape (NBD-5170K, Nitto)		✓
FLA-038	Acrylic tape (UEP-1420M4, Denka)		✓
FLA-039	Acrylic tape (USP-1520MG, Denka)		✓
FLA-040	Acrylic tape (636015, maxell)		✓
FLA-041	Acrylic tape (636020, maxell)		✓
FLA-042	Acrylic tape (Adwill D-175, Lintec)		✓
FLA-043	Poly(butyl acrylate)	$\left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \\ \text{OC}_4\text{H}_9}}{\text{CH}} \right]_n$	✓
FLA-044	Poly(2-ethylhexyl acrylate)	$\left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \\ \text{OCH}_2\text{CH}(\text{C}_2\text{H}_5)\text{C}_4\text{H}_9}}{\text{CH}} \right]_n$	✓
FLA-045	Butyl acrylate-methyl acrylate-acrylic acid copolymer ; BA-MA-AA [70: 10: 20]	$\left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \\ \text{OC}_4\text{H}_9}}{\text{CH}} \right]_{0.7} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \\ \text{OH}}}{\text{CH}} \right]_{0.2} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \\ \text{OCH}_3}}{\text{CH}} \right]_{0.1}$	✓
FLA-046	2-Ethylhexyl acrylate-2-hydroxyethyl methacrylate-4-hydroxybutyl acrylate copolymer ; 2EHA-2HEMA-4HBA [80: 5: 15]	$\left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \\ \text{OCH}_2\text{CH}(\text{C}_2\text{H}_5)\text{C}_4\text{H}_9}}{\text{CH}} \right]_{0.8} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \\ \text{OCH}_2\text{CH}_2\text{OH}}}{\overset{\text{CH}_3}{\text{C}}} \right]_{0.05} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \\ \text{OC}_4\text{H}_8\text{OH}}}{\text{CH}} \right]_{0.15}$	✓
FLA-047	Butyl acrylate-2-ethylhexyl methacrylate-acrylic acid copolymer ; BA-2EHMA-AA [79: 20: 1]	$\left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \\ \text{OC}_4\text{H}_9}}{\text{CH}} \right]_{0.79} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \\ \text{OCH}_2\text{CH}(\text{C}_2\text{H}_5)\text{C}_4\text{H}_9}}{\overset{\text{CH}_3}{\text{C}}} \right]_{0.2} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \\ \text{OH}}}{\text{CH}} \right]_{0.01}$	✓
FLA-048	2-Ethylhexyl acrylate-methyl acrylate-acrylic acid copolymer ; 2EHA-MA-AA [44.5: 54.3: 1.2]	$\left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \\ \text{OCH}_2\text{CH}(\text{C}_2\text{H}_5)\text{C}_4\text{H}_9}}{\text{CH}} \right]_{0.445} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \\ \text{OCH}_3}}{\text{CH}} \right]_{0.543} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \\ \text{OH}}}{\text{CH}_2} \right]_{0.012}$	✓
FLA-050	Acrylic adhesive agent 006	$\left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \\ \text{OCH}_2\text{CH}(\text{C}_2\text{H}_5)\text{C}_4\text{H}_9}}{\text{CH}} \right]_k \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \\ \text{OCH}_2\text{CH}(\text{C}_2\text{H}_5)\text{C}_4\text{H}_9}}{\overset{\text{CH}_3}{\text{C}}} \right]_l \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \\ \text{OCH}_2\text{CH}_2\text{OH}}}{\text{CH}} \right]_m \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \\ \text{OCH}_2\text{CH}_2\text{NCO}}}{\text{CH}} \right]_n$	✓
FLA-051	2-Ethylhexyl acrylate-4-hydroxybutyl acrylate-acrylic acid copolymer ; 2EHA-4HBA-AA [95: 4.5: 0.5]	$\left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \\ \text{OCH}_2\text{CH}(\text{C}_2\text{H}_5)\text{C}_4\text{H}_9}}{\text{CH}} \right]_{0.95} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \\ \text{OH}}}{\text{CH}} \right]_{0.005} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \\ \text{OC}_4\text{H}_8\text{OH}}}{\text{CH}} \right]_{0.045}$	✓
FLA-052	2-Ethylhexyl acrylate-2-hydroxyethyl methacrylate-acrylic acid copolymer ; 2EHA-2HEMA-AA [95: 4.5: 0.5]	$\left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \\ \text{OCH}_2\text{CH}(\text{C}_2\text{H}_5)\text{C}_4\text{H}_9}}{\text{CH}} \right]_{0.95} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \\ \text{OH}}}{\text{CH}} \right]_{0.005} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \\ \text{OCH}_2\text{CH}_2\text{OH}}}{\overset{\text{CH}_3}{\text{C}}} \right]_{0.045}$	✓
FLA-053	2-Ethylhexyl acrylate-4-hydroxybutyl acrylate copolymer ; 2EHA-4HBA [95: 5]	$\left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \\ \text{OCH}_2\text{CH}(\text{C}_2\text{H}_5)\text{C}_4\text{H}_9}}{\text{CH}} \right]_{0.95} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \\ \text{OC}_4\text{H}_8\text{OH}}}{\text{CH}} \right]_{0.05}$	✓
FLA-054	Acrylic tape 005		
FLA-055	Acrylic tape 006		✓
FLA-056	Acrylic tape 007		✓
FLA-057	Acrylic tape (REVALPHA 3195MS, Nitto)		✓
FLA-058	Acrylic tape 008		✓
FLA-059	Acrylic tape 009		✓

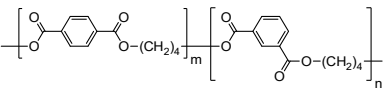
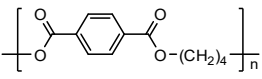
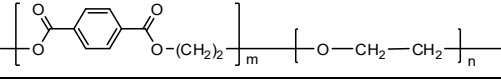
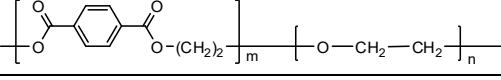
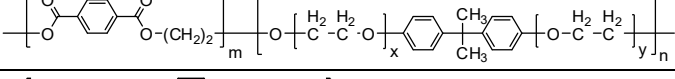
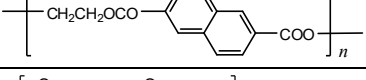
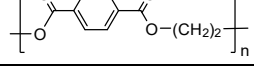
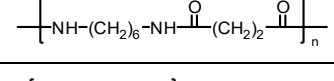
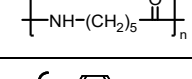
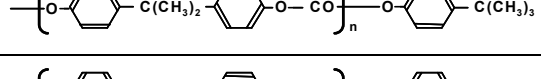
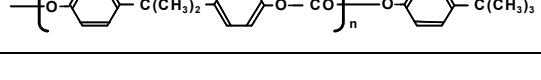
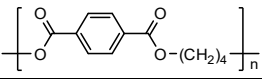
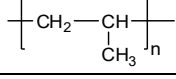
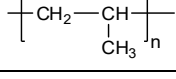
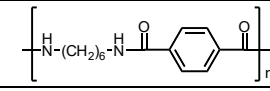
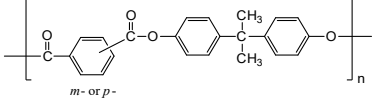
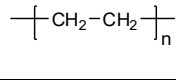
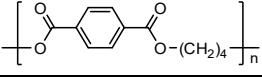
FLA-060	Acrylic tape (TRAF-T2, DNP)		✓
FLA-061	Acrylic tape (TRAF-A2, DNP)		✓
FLA-062	Acrylic tape 010		✓
FLA-063	Acrylic tape 011		✓
FLA-064	Acrylic tape 012		✓
FLA-065	Acrylic tape (SOMATAC WA PS-1080WA, Somar)		✓
FLA-066	Ethyl acrylate-2-ethylhexyl acrylate-acrylic acid copolymer ; EA-2EHA-AA [25: 70: 5]	$\left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OC}_2\text{H}_5}}{\text{CH}} \right]_{0.25} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OCH}_2\text{CHC}_4\text{H}_9 \\ \text{C}_2\text{H}_5}}{\text{CH}} \right]_{0.7} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OH}}}{\text{CH}} \right]_{0.05}$	✓
FLA-067	Butyl acrylate-2-ethylhexyl acrylate-2-hydroxyethyl acrylate copolymer ; BA-2EHA-2HEA [30: 60: 10]	$\left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OC}_4\text{H}_9}}{\text{CH}} \right]_{0.3} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OCH}_2\text{CHC}_4\text{H}_9 \\ \text{C}_2\text{H}_5}}{\text{CH}} \right]_{0.6} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OCH}_2\text{CH}_2\text{OH}}}{\text{CH}} \right]_{0.1}$	✓
FLA-068	Ethyl acrylate-2-ethylhexyl acrylate-2-hydroxyethyl methacrylate copolymer ; EA-2EHA-2HEMA [20: 60: 20]	$\left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OC}_2\text{H}_5}}{\text{CH}} \right]_{0.2} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OCH}_2\text{CHC}_4\text{H}_9 \\ \text{C}_2\text{H}_5}}{\text{CH}} \right]_{0.6} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OCH}_2\text{CH}_2\text{OH} \\ \text{CH}_3}}{\text{CH}} \right]_{0.2}$	✓
FLA-069	Acrylic tape 013		✓
FLA-070	Acrylic tape 014		✓
FLA-071	Ethyl acrylate-2-ethylhexyl acrylate-2-hydroxyethyl methacrylate copolymer ; EA-2EHA-2HEMA [20: 60: 20]	$\left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OC}_2\text{H}_5}}{\text{CH}} \right]_{0.2} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OCH}_2\text{CHC}_4\text{H}_9 \\ \text{C}_2\text{H}_5}}{\text{CH}} \right]_{0.6} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OCH}_2\text{CH}_2\text{OH} \\ \text{CH}_3}}{\text{CH}} \right]_{0.2}$	✓
FLA-072	Ethyl acrylate-2-ethylhexyl acrylate-2-hydroxyethyl acrylate copolymer ; EA-2EHA-2HEA [40: 40: 20]	$\left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OC}_2\text{H}_5}}{\text{CH}} \right]_{0.4} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OCH}_2\text{CHC}_4\text{H}_9 \\ \text{C}_2\text{H}_5}}{\text{CH}} \right]_{0.4} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OCH}_2\text{CH}_2\text{OH}}}{\text{CH}} \right]_{0.2}$	✓
FLA-073	Acrylic adhesive agent 007	$\left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OC}_2\text{H}_5}}{\text{CH}} \right]_k \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OCH}_2\text{CHC}_4\text{H}_9 \\ \text{C}_2\text{H}_5}}{\text{CH}} \right]_l \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OCH}_2\text{CH}_2\text{OH} \\ \text{CH}_3}}{\text{CH}} \right]_m \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OCH}_2\text{CH}_2\text{NCO}}}{\text{CH}} \right]_n$	✓
FLA-074	Acrylic adhesive agent 008	$\left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OC}_2\text{H}_5}}{\text{CH}} \right]_k \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OCH}_2\text{CHC}_4\text{H}_9 \\ \text{C}_2\text{H}_5}}{\text{CH}} \right]_l \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OCH}_2\text{CH}_2\text{OH}}}{\text{CH}} \right]_m \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OCH}_2\text{CH}_2\text{NCO}}}{\text{CH}} \right]_n$	✓
FLA-075	Acrylic tape 015		✓
FLA-076	Acrylic tape (Adwill D-176, Lintec)		✓
FLA-077	Acrylic tape (Adwill D-185, Lintec)		✓
FLA-078	Acrylic tape 016		✓
FLA-079	Acrylic tape 017		✓
FLA-080	Acrylic tape 018		✓
FLA-081	Butyl acrylate-2-ethylhexyl acrylate-2-hydroxyethyl acrylate copolymer ; BA-2EHA-2HEA [40: 40: 20]	$\left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OC}_4\text{H}_9}}{\text{CH}} \right]_{0.4} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OCH}_2\text{CHC}_4\text{H}_9 \\ \text{C}_2\text{H}_5}}{\text{CH}} \right]_{0.4} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OCH}_2\text{CH}_2\text{OH}}}{\text{CH}} \right]_{0.2}$	✓
FLA-082	Butyl acrylate-2-ethylhexyl acrylate-2-hydroxyethyl acrylate copolymer ; BA-2EHA-2HEA [20: 60: 20]	$\left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OC}_4\text{H}_9}}{\text{CH}} \right]_{0.2} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OCH}_2\text{CHC}_4\text{H}_9 \\ \text{C}_2\text{H}_5}}{\text{CH}} \right]_{0.6} \left[\text{CH}_2 - \underset{\substack{\text{C}=\text{O} \\ \text{OCH}_2\text{CH}_2\text{OH}}}{\text{CH}} \right]_{0.2}$	✓
FLA-083	Acrylic adhesive agent 009		✓

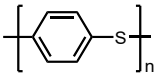
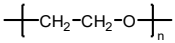
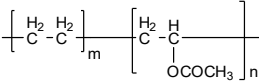
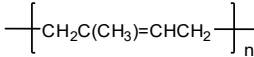
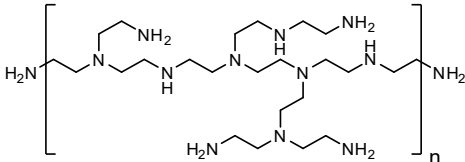
FLA-084	Acrylic adhesive agent 010		✓
FLA-085	Acrylic adhesive agent 011		✓
FLA-087	UV Curable Oligomer 001		✓
FLA-088	UV Curable Oligomer 002		✓
FLA-089	Ethyl acrylate-2-ethylhexyl acrylate-2-hydroxyethyl acrylate copolymer ; EA-2EHA-2HEA [40: 40: 20]	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OC}_2\text{H}_5 \end{array}}{\text{CH}} \right]_{0.4} \left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OCH}_2\text{CHC}_4\text{H}_9 \\ \\ \text{C}_2\text{H}_5 \end{array}}{\text{CH}} \right]_{0.4} \left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OCH}_2\text{CH}_2\text{OH} \end{array}}{\text{CH}} \right]_{0.2}$	✓
FLA-090	Ethyl acrylate-2-ethylhexyl acrylate-2-hydroxyethyl acrylate copolymer ; EA-2EHA-2HEA [20: 60: 20]	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OC}_2\text{H}_5 \end{array}}{\text{CH}} \right]_{0.2} \left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OCH}_2\text{CHC}_4\text{H}_9 \\ \\ \text{C}_2\text{H}_5 \end{array}}{\text{CH}} \right]_{0.6} \left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OCH}_2\text{CH}_2\text{OH} \end{array}}{\text{CH}} \right]_{0.2}$	✓
FLA-091	Ethyl acrylate-2-ethylhexyl acrylate-2-hydroxyethyl acrylate copolymer ; EA-2EHA-2HEA [60: 20: 20]	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OC}_2\text{H}_5 \end{array}}{\text{CH}} \right]_{0.6} \left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OCH}_2\text{CHC}_4\text{H}_9 \\ \\ \text{C}_2\text{H}_5 \end{array}}{\text{CH}} \right]_{0.2} \left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OCH}_2\text{CH}_2\text{OH} \end{array}}{\text{CH}} \right]_{0.2}$	✓
FLA-092	Methyl acrylate-2-ethylhexyl acrylate-2-hydroxyethyl acrylate copolymer ; MA-2EHA-2HEA [40: 40: 20]	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OCH}_3 \end{array}}{\text{CH}} \right]_{0.4} \left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OCH}_2\text{CHC}_4\text{H}_9 \\ \\ \text{C}_2\text{H}_5 \end{array}}{\text{CH}} \right]_{0.4} \left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OCH}_2\text{CH}_2\text{OH} \end{array}}{\text{CH}} \right]_{0.2}$	✓
FLA-093	Butyl acrylate-2-ethylhexyl acrylate-2-hydroxyethyl acrylate copolymer ; BA-2EHA-2HEA [60: 20: 20]	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OC}_4\text{H}_9 \end{array}}{\text{CH}} \right]_{0.6} \left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OCH}_2\text{CHC}_4\text{H}_9 \\ \\ \text{C}_2\text{H}_5 \end{array}}{\text{CH}} \right]_{0.2} \left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OCH}_2\text{CH}_2\text{OH} \end{array}}{\text{CH}} \right]_{0.2}$	✓
FLA-094	Acrylic tape (ELEGRIIP TAPE UHP1025M3, Denka)		✓
FLA-095	Acrylic adhesive agent 012		✓
FLA-096	Butyl acrylate-2-hydroxyethyl methacrylate copolymer ; BA-2HEMA [93: 7]	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OC}_4\text{H}_9 \end{array}}{\text{CH}} \right]_{0.93} \left[\text{CH}_2 - \underset{\begin{array}{c} \text{CH}_3 \\ \\ \text{C=O} \\ \\ \text{OCH}_2\text{CH}_2\text{OH} \end{array}}{\text{C}} \right]_{0.07}$	✓
FLA-097	Ethyl acrylate-methyl methacrylate copolymer ; EA-MMA	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OC}_2\text{H}_5 \end{array}}{\text{CH}} \right]_m \left[\text{CH}_2 - \underset{\begin{array}{c} \text{CH}_3 \\ \\ \text{C=O} \\ \\ \text{OCH}_3 \end{array}}{\text{C}} \right]_n$	✓
FLA-098	Butyl acrylate-acrylonitrile copolymer ; BA-AN	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OC}_4\text{H}_9 \end{array}}{\text{CH}} \right]_m \left[\text{CH}_2 - \underset{\begin{array}{c} \text{C} \\ \\ \text{N} \end{array}}{\text{CH}} \right]_n$	✓
FLA-099	Ethyl acrylate-butyl acrylate-acrylonitrile copolymer ; EA-BA-AN	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OC}_2\text{H}_5 \end{array}}{\text{CH}} \right]_l \left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OC}_4\text{H}_9 \end{array}}{\text{CH}} \right]_m \left[\text{CH}_2 - \underset{\begin{array}{c} \text{C} \\ \\ \text{N} \end{array}}{\text{CH}} \right]_n$	✓
FLA-100	2-Ethylhexyl acrylate-2-ethylhexyl methacrylate-2-hydroxyethyl methacrylate copolymer ; 2EHA-2EHMA-2HEMA [50: 30: 20]	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OCH}_2\text{CHC}_4\text{H}_9 \\ \\ \text{C}_2\text{H}_5 \end{array}}{\text{CH}} \right]_{0.5} \left[\text{CH}_2 - \underset{\begin{array}{c} \text{CH}_3 \\ \\ \text{C=O} \\ \\ \text{OCH}_2\text{CHC}_4\text{H}_9 \\ \\ \text{C}_2\text{H}_5 \end{array}}{\text{C}} \right]_{0.3} \left[\text{CH}_2 - \underset{\begin{array}{c} \text{CH}_3 \\ \\ \text{C=O} \\ \\ \text{OCH}_2\text{CH}_2\text{OH} \end{array}}{\text{C}} \right]_{0.2}$	✓
FLA-101	Ethyl methacrylate-2-ethylhexyl acrylate-2-hydroxyethyl acrylate copolymer ; EMA-2EHA-2HEA [10: 85: 5]	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{CH}_3 \\ \\ \text{C=O} \\ \\ \text{OC}_2\text{H}_5 \end{array}}{\text{C}} \right]_{0.1} \left[\text{CH} - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OCH}_2\text{CHC}_4\text{H}_9 \\ \\ \text{C}_2\text{H}_5 \end{array}}{\text{CH}} \right]_{0.85} \left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OCH}_2\text{CH}_2\text{OH} \end{array}}{\text{CH}} \right]_{0.05}$	✓
FLA-102	Ionic liquid (IL-P14, Koei Chemical)		✓
FLA-103	Ionic liquid (IL-A2, Koei Chemical)		✓
FLA-105	Butyl acrylate-2-ethylhexyl acrylate-2-hydroxyethyl acrylate copolymer ; BA-2EHA-2HEA [45: 45: 10]	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OC}_4\text{H}_9 \end{array}}{\text{CH}} \right]_{0.45} \left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OCH}_2\text{CHC}_4\text{H}_9 \\ \\ \text{C}_2\text{H}_5 \end{array}}{\text{CH}} \right]_{0.45} \left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OCH}_2\text{CH}_2\text{OH} \end{array}}{\text{CH}} \right]_{0.1}$	✓
FLA-106	Butyl acrylate-2-ethylhexyl acrylate-2-hydroxyethyl acrylate copolymer ; BA-2EHA-2HEA [47.5: 47.5: 5]	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OC}_4\text{H}_9 \end{array}}{\text{CH}} \right]_{0.475} \left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OCH}_2\text{CHC}_4\text{H}_9 \\ \\ \text{C}_2\text{H}_5 \end{array}}{\text{CH}} \right]_{0.475} \left[\text{CH}_2 - \underset{\begin{array}{c} \text{C=O} \\ \\ \text{OCH}_2\text{CH}_2\text{OH} \end{array}}{\text{CH}} \right]_{0.05}$	✓

FLA-107	Butyl acrylate-2-ethylhexyl acrylate-2-hydroxyethyl methacrylate-acrylic acid copolymer ; BA-2EHA-2HEMA-AA [60: 20: 19.8: 0.2]	$\left[\text{CH}_2 - \underset{\text{OC}_4\text{H}_9}{\underset{\text{C=O}}{\text{CH}}} \right]_{0.6} \left[\text{CH}_2 - \underset{\text{OCH}_2\text{CHC}_4\text{H}_9}{\underset{\text{C=O}}{\text{CH}}} \right]_{0.2} \left[\text{CH}_2 - \underset{\text{OH}}{\underset{\text{C=O}}{\text{CH}}} \right]_{0.002} \left[\text{CH}_2 - \underset{\text{OCH}_2\text{CH}_2\text{OH}}{\underset{\text{C=O}}{\underset{\text{CH}_3}{\text{C}}}}} \right]_{0.198}$	✓
FLA-108	Butyl acrylate-2-ethylhexyl acrylate-2-hydroxyethyl acrylate-acrylic acid copolymer ; BA-2EHA-2HEA-AA [30: 30: 19.8: 0.2]	$\left[\text{CH}_2 - \underset{\text{OC}_4\text{H}_9}{\underset{\text{C=O}}{\text{CH}}} \right]_{0.3} \left[\text{CH}_2 - \underset{\text{OCH}_2\text{CHC}_4\text{H}_9}{\underset{\text{C=O}}{\text{CH}}} \right]_{0.3} \left[\text{CH}_2 - \underset{\text{OH}}{\underset{\text{C=O}}{\text{CH}}} \right]_{0.002} \left[\text{CH}_2 - \underset{\text{OCH}_2\text{CH}_2\text{OH}}{\underset{\text{C=O}}{\text{CH}}} \right]_{0.198}$	✓
FLA-109	Ethyl acrylate-2-ethylhexyl acrylate-acrylic acid copolymer ; EA-2EHA-AA [20: 75: 5]	$\left[\text{CH}_2 - \underset{\text{OC}_2\text{H}_5}{\underset{\text{C=O}}{\text{CH}}} \right]_{0.2} \left[\text{CH}_2 - \underset{\text{OCH}_2\text{CHC}_4\text{H}_9}{\underset{\text{C=O}}{\text{CH}}} \right]_{0.75} \left[\text{CH}_2 - \underset{\text{OH}}{\underset{\text{C=O}}{\text{CH}}} \right]_{0.05}$	✓
FLA-110	Ethyl acrylate-2-ethylhexyl acrylate-acrylic acid copolymer ; EA-2EHA-AA [46: 46: 8]	$\left[\text{CH}_2 - \underset{\text{OC}_2\text{H}_5}{\underset{\text{C=O}}{\text{CH}}} \right]_{0.46} \left[\text{CH}_2 - \underset{\text{OCH}_2\text{CHC}_4\text{H}_9}{\underset{\text{C=O}}{\text{CH}}} \right]_{0.46} \left[\text{CH}_2 - \underset{\text{OH}}{\underset{\text{C=O}}{\text{CH}}} \right]_{0.08}$	✓
FLA-111	Acrylic resin		✓
FLA-112	Urethane acrylate oligomer 004		✓
FLA-113	Acrylic rubber		✓
FLA-114	Acrylic tape 019		✓
FLA-115	Acrylic tape (RM-4300, Resonac)		✓
FLA-116	Acrylic tape 020		✓
FLA-117	Acrylic tape (Butyl acrylate-2-ethylhexyl acrylate-2-hydroxyethyl acrylate-tolylene-2,4-diisocyanate-ethyl acetate copolymer ; BA-2EHA-2HEA-TDI-Eac [20: 60: 20: 2: 40])		✓
FLA-118	Acrylic tape (Butyl acrylate-2-ethylhexyl acrylate-2-hydroxyethyl acrylate-tolylene-2,4-diisocyanate-ethyl acetate copolymer ; BA-2EHA-2HEA-TDI-Eac [60: 20: 20: 2: 35])		✓
FLA-119	Acrylic tape (Butyl acrylate-2-ethylhexyl acrylate-2-hydroxyethyl acrylate-tolylene-2,4-diisocyanate-ethyl acetate copolymer ; BA-2EHA-2HEA-TDI-Eac [47.5: 47.5: 5: 2: 30])		✓
FLA-120	Acrylic tape 021		✓
FLA-121	Acrylic tape 022		✓
FLA-122	Acrylic tape (REVALPHA 31950E, Nitto)		✓
FLA-126	Acrylic tape (Adwill D-510T, Lintec)		✓
FLA-127	Acrylic tape (SPV-224R, Nitto)		✓
FLA-128	Acrylic tape 023		✓
FLA-129	Acrylic tape 024		✓
FLA-130	Acrylic adhesive agent 013		✓
FLA-131	Acrylic adhesive agent 014		✓
FLA-132a	Acrylic tape (NWS-TS322F, Nitto) A-side		✓
FLA-132b	Acrylic tape (NWS-TS322F, Nitto) B-side		✓

Polymer Library

Entry ID	Name	Structure Formula	Newly Added in Ver.3.8
FLO-001	Polyvinylalcohol ; PVA		✓
FLO-002	55% glass/mineral-reinforced liquid crystal polymer resin ; LCP		✓
FLO-003	Styrene butadiene isoprene rubber (S: 13wt%, B: 13wt%, I: 74wt%)		✓
FLO-004	Styrene butadiene isoprene rubber (S: 27wt%, B: 27wt%, I: 46wt%)		✓
FLO-005	Styrene butadiene isoprene rubber (S: 38wt%, B: 38wt%, I: 24wt%)		✓
FLO-012	Poly (lactic acid) ; PLA		✓
FLO-013	Poly (lactic acid) ; PLA		✓
FLO-014	Poly (lactic acid) ; PLA		✓
FLO-015	Poly (lactic acid) ; PLA		✓
FLO-016	Poly (lactic acid) ; PLA		✓
FLO-040	Cyclo olefin polymer ; COP [Tg 140C]		✓
FLO-041	Cyclo olefin polymer ; COP [Tg 162C]		✓
FLO-042	Cyclo olefin polymer ; COP [Tg 128C]		✓
FLO-043	Cyclo olefin polymer ; COP [Tg 138C]		✓
FLO-044	Cyclo olefin polymer ; COC [Tg 80C]		✓
FLO-045	Cyclo olefin polymer ; COC [Tg 70C]		✓
FLO-048	Polyethylene terephthalate ; PET		✓
FLO-049	Polyethylene terephthalate ; PET		✓
FLO-050	Polyethylene terephthalate (DMI copolymerized) ; PET		✓
FLO-051	Polybutylene terephthalate ; PBT		✓

FLO-052	Polybutylene terephthalate (DMI copolymerized) ; PBT		✓
FLO-053	Polybutylene terephthalate ; PBT		✓
FLO-054	Polyethylene terephthalate (10% PEG copolymerized) ; PET		✓
FLO-055	Polyethylene terephthalate (15% PEG copolymerized) ; PET		✓
FLO-056	Polyethylene terephthalate (polyoxyethylene bisphenol A ether copolymerized) ; PET		✓
FLO-057	Polyethylene naphthalate ; PEN		✓
FLO-058	Polyethylene terephthalate ; PET		✓
FLO-059	Poly(tetramethylene adipamide) ; Nylon-4,6		✓
FLO-060	Polycaproamide ; Nylon-6		✓
FLO-061	Polycarbonate ; PC (solvent method)		✓
FLO-062	Polycarbonate ; PC (solvent method)		✓
FLO-063	Polycarbonate (glass fiber reinforced) ; PC-GF		✓
FLO-064	Polybutylene terephthalate (glass fiber reinforced) ; PBT-GF		✓
FLO-065	Polyester elastomer		✓
FLO-066	Polypropylene ; PP		✓
FLO-067	Polypropylene ; PP		✓
FLO-068	Polyester elastomer		✓
FLO-069	Polyamide (aromatic) ; PA		✓
FLO-070	Polyarylate		✓
FLO-071	Polyethylene (high density) ; HDPE		✓
FLO-079	Polybutylene terephthalate ; PBT		✓
FLO-080	Liquid crystal polymer ; LCP		✓

FLO-081	Liquid crystal polymer ; LCP		✓
FLO-082	Liquid crystal polymer ; LCP		✓
FLO-083	Polyphenylene sulfide ; PPS		✓
FLO-084	Polyethylene glycol ; PEG		✓
FLO-085	Wax		✓
FLO-088	Liquid crystal polymer ; LCP		✓
FLO-089	Liquid crystal polymer ; LCP		✓
FLO-092	Ethylene-vinyl acetate copolymer ; EVA [VAc 12%]		✓
FLO-094	Polyisoprene		✓
FLO-095	Cyclo olefin polymer ; COP [Tg 70C]		✓
FLO-096	Cyclo olefin polymer ; COP [Tg 100C]		✓
FLO-097	Cyclo olefin polymer ; COP [Tg 139C]		✓
FLO-098	Cyclo olefin copolymer ; COC [Tg 140C]		✓
FLO-099	Cyclo olefin copolymer ; COC [Tg 140C]		✓
FLO-100	Cyclo olefin copolymer ; COC [Tg 160C]		✓
FLO-101	Cyclo olefin copolymer ; COC [Tg 180C]		✓
FLO-102	Cyclo olefin copolymer ; COC [Tg 135C]		✓
FLO-103	Cyclo olefin polymer ; COP [Tg 138C]		✓
FLO-113	Polyethylenimine, branched		✓