

Product Overview				
Material	Chemical Name	Type/Options/Features	Brand name	Supplier
ABS	Acrylonitrile / Butadiene / Styrene	Flame retardant, transparent, high heat, high gloss, high impact, extrusion, food approval, medical approval	POLYLAC®	CHIMEI
ASA	Acrylonitrile / Styrene / Acrylate	UV resistance, high heat, high gloss	KIBILAC®	CHIMEI
PBT	Polybutylene Terephthalate	Unfilled, glass fibre, glass bead, flame retardant, low warp, hydrolysis resistant, food and water approval, medical approval	Crastin®	DuPont
PC	Polycarbonate	UV stabilised, food approval, medical approval, optical, flame retardant	WONDERLITE®	CHIMEI
PC/ABS	Polycarbonate/Acrylonitrile Butadiene Styrene Blend	Standard, ultra high impact, flame retardant	WONDERLOY®	CHIMEI
PE	Polyethylene	HDPE	Rigidex®	INEOS
			Eraclene®	Versalis
			INEOS LDPE	INEOS
		LDPE	Riblene®	Versalis
			Ipethene®	Bazan Group-Carmel
			INEOS LLDPE	INEOS
		LLDPE	Flexirene®	Versalis
			LLDPE, VLDPE, ULDPE	Clearflex®
		mLLDPE	INEOS mLLDPE	INEOS
		Medical LDPE, LLDPE, HDPE	Eltex®MED	INEOS
			Pharmalene®	Versalis
		EVA	Greenflex®	Versalis
		Medical EVA	Pharmalene®	Versalis
		EBA	INEOS EBA	INEOS
Recycled HDPE	Biffa-r-HDPE	Biffa Polymers		
Recycled PE	Recycl-IN	INEOS		
PEEK	Polyether Ether Ketone	Glass filled, carbon filled	PEEK 2200 series	RTP Company
PET	Polyethylene Terephthalate	Glass filled, glass/mineral filled, flame retardant, lubricated, high gloss, food approval, low warpage	Rynite®	DuPont
PMMA	Polymethylmethacrylate (Acrylic)	UV stabilised, bead polymer, chemical resistance, frosted grades, low scratch, high UV resistance for extrusion, food approval	Diakon® Elvakon® TufCoat™	Lucite
PA	Polyamide PA6/ PA6.6/PA6/66/ PA6.12	Flame retardant, glass filled, heat stabilised, lubricated, non-halogen FR, food and water approval, medical approval	Zytel®	DuPont
		Mineral filled	Minlon®	DuPont
		High performance polyamide: metal replacement, high strength/stiffness balance, higher temperature applications	Zytel® HTN	DuPont
	Renewably sourced nylon	Zytel® RS	DuPont	
	Polyamide PA10.10/ PA 6.10/ PA 6.12	Excellent thermal, flexible, chemical and hydrolysis resistance, food approval	Zytel® LCPA	DuPont
PPA	Standard, glass filled, flame retardant, heat stabilised, lubricated, toughened	Zytel® HTN	DuPont	
POM	Polyoxymethylene (Acetal)	UV stabilised, glass filled, advanced lubrication, antistatic, Teflon® filled, low emission, food and water approval, medical approval, toughened, injection and extrusion, metal detectable	Delrin®	DuPont
PP	Polypropylene	Homopolymer	Eltex® P	INEOS
		Block copolymer	Eltex® P	INEOS
		Medical	Eltex®MED	INEOS

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PP	Polypropylene	Random copolymer	Eltex® P	INEOS
		Recycled PP	Biffa® r-PP	Biffa Polymers
		Hemp filled	Enthoven Recycled PP	H.J.Enthoven
			Trifilon BioLite® Trifilon Revo® Trifilon Switch®	Trifilon
PPS	Polyphenylene Sulfide	Flame retardant, glass/mineral filled	TORELINA™	TORAY
PS	Polystyrene	General purpose polystyrene	POLYREX™	ChiMei
		High impact polystyrene	POLYREX™	ChiMei
PVC	Polyvinyl Chloride	Flexible and rigid, clear, flame retardant, medical approval, weather stable, thermally stable	EVICOM™ Hy-Vin™	INEOS Compounds
PVOH	Polyvinyl Alcohol	Water soluble	PVOH	Distrupol
SAN	Styrene Acrylonitrile	Clarity, chemical resistance, low monomer residual technology, food approval	KIBISAN®	CHIMEI
SBC	Styrene Butadiene Copolymer	Crystal clarity and toughness	KIBITON®	CHIMEI
SBS & SEBS	Styrene Butadiene Styrene Block Copolymer	Shore 0A-62D, crystal clear, flame retardant, low and high temperature, 2K, recycled content, food approval, low VOC	Dryflex®	HEXPOL TPE
	Styrene Ethylene Butylene Styrene Block Copolymer	Medical	Mediprene®	HEXPOL TPE
TPC ET	Thermoplastic polyester elastomer	Shore 30D-82D, flame retardant, UV stabilised, food and water approval, medical approval, injection and extrusion	Hytrel®	DuPont
		Renewably sourced	Hytrel® RS	DuPont
TPV	Thermoplastic Vulcanisates	Shore 25A-45D, automotive approval, blow moulding	Sarlink®	Teknor Apex
TPU	Thermoplastic Urethane	Shore 35A-80D, flexible over wide temperature range, transparent, flame retardant, food approval, medical approval	Elastollan®	BASF
Additives		Antimicrobial, antiblock, antistats, biodegradable, blowing agents, flame retardant, fragrances, process aids, slip agent, UV stabilisers	Wells Plastics	Wells Plastics
Colour Solutions		Masterbatch	Distrupol Colour	Distrupol Colour
		Colour and additive compounds	Distrupol Colour	Distrupol Colour
Purging Compound	Purging Compound	Purgex grades are comprised of active ingredients with a resin carrier and are engineered to clean thoroughly and quickly.	Purgex®	Neutrex



CHIMEI



INEOS

INEOS Compounds



TORAY



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