

Product Overview				
Material	Chemical Name	Type/Options/Features	Brand name	Supplier
ABS	Acrylonitrile / Butadiene / Styrene	Flame retardant, transparent, high heat, food approval	LG ABS	LG Chem
ASA	Acrylonitrile / Styrene / Acrylate	UV resistance, high heat, antistatic	LG ASA	LG Chem
EVOH	Ethylene Vinylalcohol Copolymer	Barrier polymer	Soarnol™/ G-Soarnol™	MCPPP
PBT	Polybutylene Terephthalate	Glass fibre, glass bead, flame retardant, food and water approval	Crastin®	Celanese
	Polybutylene Terephthalate	Unfilled, glass fibre and glass sphere reinforced, glass fibre reinforced, glass fibre/mineral reinforced, flame retardant, UV stabilised, heat resistant, Medical Technology (MT®), laser marking, MetalX™ metal effects	Celanex®	Celanese
PC	Polycarbonate	UV stabilised, food approval, optical, flame retardant, medical	LG LUPOY®	LG Chem
			WONDERLITE®	CHIMEI
PC/ABS	Polycarbonate/Acrylonitrile Butadiene Styrene Blend	Flame retardant	LG LUPOY®	LG Chem
			WONDERLOY®	CHIMEI
PE	Ethylene Buthylene Copolymer	EBA	Lucofin®	Lucobit
		EBA - grafted		
	Polyethylene	EBA	INEOS EBA	INEOS
		HDPE	Rigidex®	
		LDPE	INEOS LDPE	
		LLDPE	INEOS LLDPE	
		mLLDPE	INEOS mLLDPE	
		PEX compound	Polidan®/ Polidienne®	Padanaplast
		Recycled - HDPE	Biffa-r-HDPE	Biffa Polymers
		Recycled - LDPE	Akpol HDPE	Akpol
Recycled - PE	Akpol LDPE	INEOS		
PET	Polyethylene Terephthalate	Glass filled, glass/mineral filled, flame retardant, lubricated, high gloss	Rynite®	Celanese
PMMA	Polymethylmethacrylate (Acrylic)	UV stabilised, bead polymer, chemical resistance, frosted grades	Diakon®	Lucite
PA	Polyamide 6	PA 6 film grades	Alphalon®	Grupa Azoty
	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®	Celanese
		Mineral filled	Minton®	
		High performance polyamide: metal replacement, high strength/stiffness balance, higher temperature applications	Zytel® HTN	
		Renewably sourced nylon	Zytel® RS	
	Polyamide PA6/ PA 6.6	Unfilled, glass fibre reinforced, UV stabilised, heat stabilised, low warpage, flame retardant, impact modified, high flow	Ecomid®	
	Polyamide PA6/ PA6.6/ PPA	Unfilled, glass fibre reinforced, mineral reinforced, glass ball filled, metal filled, UV stabilised, heat stabilised, impact modified, low abrasion	Celanyl®	
	Polyamide PA6/ PA6.6/ PPA	Flame retardant - Unfilled, glass fibre reinforced, mineral reinforced, heat stabilised, high flow, high gloss, high impact / impact modified, laser markable, low warpage, high gloss	Frianyl®	
Polyamide PA10.10/ PA 6.10/ PA 6.12	Excellent thermal, flexible, chemical and hydrolysis resistance, food approval	Zytel® LCPA		
PPA	Standard, glass filled, flame retardant, heat stabilised, lubricated, toughened	Zytel® HTN		
POM	Copolymer		LG LUCEL®	LG Chem

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PP	Polypropylene	Block Copolymer	Eltex® P	INEOS
		Homopolymer	Eltex® P	
		Medical	Eltex® Med	
		PP compounds	Thermofil®	Sumika
		Random Copolymers	Eltex® P	INEOS
		Recycle - PP	Akpol PP	Akpol
			Biffa r-PP compound	Biffa Polymers
Hemp filled	Trifilon BioLite® Trifilon Revo® Trifilon Switch®	Trifilon		
PPS	Polyphenylene Sulfide	Flame retardant, glass/mineral filled	LG LUSEP® PPS and sPS	LG Chem
PS	Polystyrene	General Purpose Polystyrene	POLYREX™	ChiMei
		High Impact Polystyrene	POLYREX™	
PVOH	Polyvinyl Alcohol	Barrier polymer	G-polymer™	MCPPP
SAN	Styrene Acrylonitrile	Clarity, chemical resistance	LG SAN	LG Chem
SBC	Styrene Butadiene Copolymer	Crystal clarity and toughness	KIBITON®	CHIMEI
SBS & SEBS	Styrene Butadiene Styrene Block Copolymer	Shore 40-90A, crystal clear, flame retardant, low and high temperature, 2K	Monprene®	Teknor Apex
	Styrene Ethylene Butylene Styrene Block Copolymer	Medical	Medalist®	Teknor Apex
TPC ET	Thermoplastic polyester elastomer	Shore 30D-82D, flame retardant, UV stabilised, food and water approval	Hytrel®	Celanese
		Renewably sourced	Hytrel® ECO B	
TPE	Thermoplastic Elastomers	Shore 25A-45D, automotive approval	Monprene	Teknor Apex
TPO & TPEE	Thermoplastic Elastomer, Olefinic	Injection moulding, wire and cable, hose and tubing, film and sheet	KEYFLEX®	LG Chem
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	Elastollan®	BASF
Additives	Solvent-free PU adhesives	Antimicrobial, antiblock, antistats, biodegradable, blowing agents, flame retardant, fragrances, process aids, slip agent, UV stabilisers	Wells Plastics	Wells Plastics
		Slip, antiblock, antifog, PPA, blowing agent, UV-stabiliser, flame retardants	Luvobatch®	Lehmann & Voss
		PU adhesive	Novacote®	COIM
Coatings	Solvent-based PU adhesives	SB and WB coatings		
Colour Solutions	Colour and additive compounds	Masterbatch	Distrupol Colour	Distrupol Colour
		Colour and additive compounds	Distrupol Colour	
Purging Compound	PE carrier, FDA approval	Purgex®	Neutrex	
Tie resin	PE MAH grafted PP MAH grafted	Tie resin	Plexar	Sojitz/MSIT/ Lyondell Basell

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