



Product Portfolio

Plastics

UK

Contents

Engineering polymers	2
Transparent polymers.....	4
Medical polymers	5
Purge compounds	8
Others.....	8



Specialities in Motion

Engineering polymers

PRODUCT	BRAND NAME	SUPPLIER	PRODUCT DESCRIPTION
AMAB	ANOBEX™	MSM Poly LLC, USA	High gas barrier resin with outstanding chemical resistance for medical devices, pharmaceutical, cosmetic and food packaging as well as household applications
Engineering Plastics Compounds	DINAPLEN® , etc.	Grupo Repol, Spain	PP, PC, PC/ABS, PBT, POM, ABS, PPS with several reinforcements (glass fibre, glass beads, mineral filler, carbon fibre, etc.) and special properties (flame retardant, custom colour, thermal and electric conductivity, etc.)
LCP	SUMIKASUPER®	Sumitomo Chemical Europe, Belgium	Liquid Crystal Polymer with high temperature resistance (V0 at 0,2mm) and excellent mechanical properties for electronic and automotive industry
PES	SUMIKAEXCEL®	Sumitomo Chemical Europe, Belgium	Polyethersulfone, heat, hot water and chemical resistant polymer offering transparency, dimension stability and creep strength
PA	PENTAMID®	PENTAC Polymer GmbH, Germany	Polyamide, Polyester, Alloys and ReCompounds
PA6+PP-Alloy	PENTALLOY®	PENTAC Polymer GmbH, Germany	Polyamide Polypropylene Alloys
PEEK	PrimeTec® PEEK	VELOX, Germany	Polyether Ether Ketone, exceptional mechanical and thermal properties, filled and unfilled versions available





Specialities in Motion

Engineering polymers

PRODUCT	BRAND NAME	SUPPLIER	PRODUCT DESCRIPTION
TPE	VERSAFLEX™ ONFLEX™ VERSALLOY™ DYNALLOY™ DYNAFLEX™	GLS Thermoplastics Elastomers, USA	TPE Alloys TPE Compounds Elastomer Blends OBC Compounds TPE Compounds
TPU	ESTANE®	Lubrizol Advanced Materials, USA & Europe	Soft and stiff TPU for all types of injection, extrusion and coating. Specialties like high heat, flame retardant, transparent and easy extrudable grades
	ESTALOC®		Glass fibre reinforced TPU
TPV	ELASTOPRENE®	Elastorsa, Spain	High-performance elastomers which combine the flexibility of rubber and processing of thermoplastics. Applications range from automotive to industrial and consumer products
UHMW-PE	SUNFINE®	Asahi Kasei, Japan	UHMW-PE, standard grades as well as a transparent grade for compression moulding and RAM-extrusion
PEKK	KEPSTAN®	Arkema, France	High-performance thermoplastic material based on polyether ketone ketone, semi-crystalline as well as nearly amorphous grades, with excellent thermal and mechanical properties in form of granules and powders





Specialities in Motion

Transparent polymers

PRODUCT	BRAND NAME	SUPPLIER	PRODUCT DESCRIPTION
COC	TOPAS®	Topas Advanced Polymers, Germany	Cyclic Olefin Copolymer (COC) offering high transparency in combination with excellent water vapour barrier, chemical resistance and biocompatibility
PET	SkyPET-BR®	SK Chemicals, Korea	A low content CHDM (Cyclohexanedimethanol) modified copolyester resin for extruded sheets, refillable large size bottles and packaging
PETG	ECOZEN®		BPA-free high distortion temperature (HDT)-PETG with a fourth bio-based monomer, provides very good optics and high chemical resistance for high temperature applications
PETG, PCTG	SKYGREEN®		PETG and PCTG offering outstanding clarity and colour as well as excellent chemical resistance
SBC	ASAFLEX™	Asahi Kasei, Japan	Styrene Butadiene Copolymer for transparent and high impact applications





Specialities in Motion

Medical polymers

PRODUCT	BRAND NAME	SUPPLIER	PRODUCT DESCRIPTION
AMAB	ANOBEX™	MSM Poly LLC, USA	High gas barrier resin with outstanding chemical resistance for medical devices, pharmaceutical, cosmetic and food packaging as well as household applications
COC	TOPAS®	Topas Advanced Polymers, Germany	Cyclic olefin copolymer (COC) offering a high transparency in combination with excellent water vapour barrier, chemical resistance and biocompatibility
	TOPASBLEND®		Modified COC Blend with high temperature resistance, suitable for multiple steam sterilisation
	TOPAS® Elastomer E-140		Olefinic TPE with high purity, water vapour barrier, transparency and abrasion resistance
Medical Compounds		Innovative Polymer Compounds, Ireland	Customised medical compounds based on PP, HDPE, ABS, PC ABS, PC, PEBA, PA11, PA12, TPU, PPSU using a wide range of additives ISO 13485 certified
PARA	IXEF®	Solvay, Belgium	50% glass fibre reinforced; high strength and rigidly; excellent for metal replacement (surgery tools / single use instruments), gamma stabilised colours available
PETG	SKYGREEN®	SK Chemicals, Korea	CHDM modified PET which provides high transparency and good processability. Bisphenol A-free with good lipid resistance and tested according to USP Class VI and ISO 10993
TPE	VERSAFLEX™ DYNAFLEX™	GLS Thermoplastics Elastomers, USA	TPE especially designed for healthcare applications; SEBS-based TPEs in a shore hardness range from 28A to 95A
	VERSALLOY™ SANTOPRENE™		TPVs provide excellent chemical and temperature resistance and compliance with medical market standards





Specialities in Motion

Medical polymers

PRODUCT	BRAND NAME	SUPPLIER	PRODUCT DESCRIPTION
TPU	THERMEDICS™	Lubrizol Advanced Materials, USA & Europe	Special medical grade aliphatic and aromatic thermoplastic polyurethanes, which can be processed by dissolving or by extrusion and injection moulding TPU's are the materials of choice for indwelling catheters as they provide excellent patient comfort as they soften in the body. Thermedics range is available from very soft to rigid, and also in radiopaque series
	CARBOTHANE®		
	TECOFLEX®		
	TECOPHILIC®		
	TECOTHANE®		
TPU	ISOPLAST®	Lubrizol Advanced Materials, USA & Europe	Extremely hard TPU – very good transparency, very good chemical resistance, dimensional stability, mechanical properties and bonding
TPU	PELLETHANE®	Lubrizol Advanced Materials, USA & Europe	Polyether aromatic medical grade TPUs from 80A to 75D shore hardness
TPU tubing	THERMEDICS™	Lubrizol Advanced Materials, USA & Europe	Customised single and multi-lumen medical tubing in Thermedics™ TPU materials (Carbothane®, Tecoflex® and Tecothane®)
Polyamide 11 Polyamide 12	RILSAN® MED RILSAMID® MED	Arkema, France	Specialty polyamides for medical tubing and balloons for which burst strength is the primary consideration. These materials can be blended with Pebax® MED to customise final properties
Long Chain PA	RILSAN® CLEAR MED	Arkema, France	Rilsan® Clear polyamides are transparent, tough, lightweight and are characterised by the ease of processing. These amorphous polyamides are more flexible than other transparent solutions. Rilsan® Clear G170 MED offers a high temperature resistance
TPE-A	PEBAX® MED	Arkema, France	Thermoplastic elastomers with excellent mechanical and chemical resistance. Pebax® MED grades have excellent “pushability”, are available in a wide range of hardnesses and display extreme “resilience”





Specialities in Motion

Medical polymers

PRODUCT	BRAND NAME	SUPPLIER	PRODUCT DESCRIPTION
PC	CALIBRE™	Trinseo, Switzerland	CALIBRE™ polycarbonate grades (available in opaque and transparent) are suitable for disposable and multi-use medical products
	CALIBRE™ MEGARAD™		CALIBRE™ MEGARAD™ grades have been optimised for gamma sterilisation and show a better colour stability after sterilisation All grades have been tested to ISO 10993 standard
PC/ABS & PC/PET	EMERGE™	Trinseo, Switzerland	EMERGE™ blends are PC alloys with excellent flow characteristics and aesthetic appearance, ideal for medical device housings EMERGE™ PC / PET blends additionally offer outstanding chemical resistance, e.g. against disinfectants and cleaning agents All grades have been tested to ISO 10993 standard
ABS	MAGNUM™ MED	Trinseo, Switzerland	MAGNUM™ ABS is very easy to process and has a highly attractive, aesthetic surface (opaque) MAGNUM™ ABS 8391 MED has been tested to ISO 10993 standard
GPPS	STYRON™ MED	Trinseo, Switzerland	STYRON™ 2678 MED is a general purpose Polystyrene Resin. This high flow injection moulding grade can be used for medical applications like petri dishes, pipettes as well as packaging items and housings. The biocompatibility has been tested according to ISO 10993 standards, and the material complies with European and United States food contact regulations
PP PE EVA	Repsol Healthcare®	Repsol, Spain	Medical polyolefins for pharmaceutical packaging and medical devices





Specialities in Motion

Purge compounds

PRODUCT	BRAND NAME	SUPPLIER	PRODUCT DESCRIPTION
Purge compounds	ASACLEAN™	Asahi Kasei, Japan	Purge compound for extrusion and injection moulding equipment
Purge compounds	CleanPlus®	VELOX, Germany	Effective and high efficient purge compound for extrusion and injection moulding equipment

Others

PRODUCT	BRAND NAME	SUPPLIER	PRODUCT DESCRIPTION
Regranulates		Various	Recycled polymers: HDPE, PP, PS, PMMA, ABS, PC/ABS, PC and other on request
Hopper	V-12 Hopper	VELOX, Germany	New innovative hopper for an efficient dosage of material & limited-lot production
Flame retardant Masterbatch	VEMAB®	VELOX, Germany	Tailor-made flame retardant masterbatches for mainly Polyolefin applications Individual solutions can be offered upon request
Lubricant	STRUKTOL®	STRUKTOL Company of America, USA	Lubricants for cycle time reduction
SBS	TUFPRENE™	Asahi Kasei, Japan	Impact modifier and compatibiliser for polystyrene
SEBS	TUFTEC™	Asahi Kasei, Japan	SEBS & SBBS for PE/PS and PP/PS compatibilisation
Various compounds	PrimeTec® customised	VELOX, Germany	Taylor-made engineering plastics compounds

