



PRODUCT PORTFOLIO

IMCD UK

MEDICAL

 **IMCD**

MEDICAL POLYMERS

PRODUCT	BRAND NAME	SUPPLIER	PRODUCT DESCRIPTION	APPLICATION
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	Pre-filled syringes, vials, cuvettes, cartridges
COC	TOPASBLEND®	Topas Advanced Polymers, Germany	Modified COC Blend with high temperature resistance, suitable for multiple steam sterilisation	Trays, housings
COC	TOPAS® Elastomer E-140	Topas Advanced Polymers, Germany	Olefinic TPE with high purity, water vapour barrier, transparency and abrasion resistance	Seals/gaskets, membranes, pouches/flexible monodose
E-TPU	ISOPLAST®	Lubrizol Advanced Materials, USA & Europe	Extremely hard TPU – very good transparency, chemical resistance, dimensional stability, mechanical properties and bonding	Dental, tubing, in-dwelling devices
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	Respiratory mask, implant packaging
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	Customised medical compounds
PE Modified	Orevac® MED	Arkema, France	Tie layer for reliable bonding strength in coextrusion processes between polyethylene or ethylene copolymers and different materials among which polyamides and EVOH	Catheters



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PETG	Eastman Copolyesters	Eastman Chemicals	Eastman Copolyesters offer superior clarity and good resistance to chemicals such as IPA and lipids. Produced without any Bisphenol A, BPS or plasticisers, excellent puncture and impact toughness	Cannulae, capillary tubes, connectors
PMMA	CRYOLITE®, CRYOLITE® MD	Rohm, USA	Excellent Chemical resistance, bonds easily to PVC tubing. Good resistance to EtO, gamma and E-beam sterilisation, good light transmission	IV accessories, blood management, diagnostic cuvettes, test packs, trays
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	Balloons, catheters, connectors
PP PE EVA	Repsol Healthcare®	Repsol, Spain	Medical polyolefins for pharmaceutical packaging and medical devices	Bags, pouches, BFS containers, housings, packaging, vials, syringes
PVC-U	Apex®		Stress cracking resistance, gamma stabilised grades	Hospital devices
PVDF	Kynar®	Arkema, France	Excellent flexibility, low friction, exceptional resistance to chemicals and temperatures. Suitable for medical tubing USP Class VI	Bioprocessing container, barrier packaging
SBC	Asaflex™	Asahi, Japan	5 different grades available, Used both alone and in polystyrene blends Provides superior transparency and high impact strength	Drip chambers, suction heads
TPE-A	PEBAX® MED, PEBAX® MV 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”	Catheters, introducers, medical tubing, antistatic packaging



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TPU	THERMEDICS™ CARBOTHANE™ ESTANE® TECOBAX™ TECOFLEX™ TECOPHILIC™ TECOTHANE™ TECOTHANE SOFT™	Lubrizol Advanced Materials, USA & Europe	Special medical grade aliphatic & aromatic thermoplastic polyurethanes, can be processed by dissolving or by extrusion and injection moulding. 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, also in radiopaque series	Catheters, medical devices
TPU	PELLETHANE®	Lubrizol Advanced Materials, USA & Europe	Polyether aromatic medical grade TPUs from 80A to 75D shore hardness	Catheters, medical devices
TPU tubing	THERMEDICS™	Lubrizol Advanced Materials, USA & Europe	Customised single and multi-lumen medical tubing in Thermedics™ TPU materials (Carbothane®, Tecoflex® and Tecothane®)	In-body tubing

CAN'T FIND WHAT YOU ARE LOOKING FOR?

Contact us and we can help with access to customized solutions through our comprehensive network of providers in the polymer industry.



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