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a spirit of partnership

Terlux MABS transparant



Terlux® is the trade name for Styrolution MABS polymers. Key properties of Terlux® are excellent transparency, high impact strength and good chemical resistance. Terlux® is a specialized material for applications which also demand excellent surface quality, luster and easy processing. Terlux® is widely used in medical applications and meets US Pharmacopeia Class VI guidelines.

Market segments include:

- Diagnostic and medical sector
- Cosmetics
- Hygiene items
- Office items
- Domestic goods
- Sport and leisure goods

Properties that satisfy every customer:

- Excellent transparency
- High impact resistance
- Good mechanical resistance and rigidity
- High thermal resistance
- Good chemical resistance
- Good processing (injection and extrusion)

To find more about Ultrapolymers:



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Terlux
MABS transparent



Property	Physical Properties		Mechanical Properties			Thermal Properties			Special Characteristics	
	Density	Shrinkage	Tensile Modulus	Charpy Impact Notched 23°C	Tensile stress @ Yield	MVR 220°C/ 10kg	HDT/A 1.8 Mpa	HDT/B 0.45MPa		VICAT 50°C/ h 50N
Test Method	ISO 1183	ISO 2577	ISO 527	ISO 179/1eA	ISO 527	ISO 1133	ISO 75	ISO 75	ISO 306	
Grade	g/cm ³	%	Mpa	kJ/m ²	Mpa	cm ³ /10min	°C	°C	°C	
2802 TR*	1.08	0.4-0.7	2000	5	48	2	90	94	105	Standard transparent grade
2812 TR	1.08	0.4-0.7	1900	5	42	8	87	93	87	High flowability transparent grade
2802 HD*	1.08	0.4-0.7	2000	5	48	2	90	94	105	Medical approved grade-Biocompatibility tests in accordance with US Pharmacopeia Class VI, European Pharmacopeia ISO 10 993
2812 HD	1.08	0.4-0.7	1900	5	42	8	87	93	87	Medical approved grade-Biocompatibility tests in accordance with US Pharmacopeia Class VI, European Pharmacopeia ISO 10 993
2822 HD	1.08	0.35	2000	5	48	2	90	94	93	Medical approved grade-Biocompatibility tests in accordance with US Pharmacopeia Class VI, European Pharmacopeia ISO 10 993

* Not available for new customers

To find your local contact, please visit:
www.ultrapolymers.com

