

Cossa Polimeri ESTALUX 5513 Methyl Methacrylate Acrylonitrile Butadiene Styrene

Category : Polymer , Thermoplastic , ABS Polymer , Acrylic (PMMA)

Material Notes:

Plastic blend that combines impact properties of ABS with the excellent transparency of PMMA Information provided by Cossa Polimeri S.r.l.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cossa-Polimeri-ESTALUX-5513-Methyl-Methacrylate-Acrylonitrile-Butadiene-Styrene.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in ³	ISO 1183
Linear Mold Shrinkage	0.0040 - 0.0070 cm/cm	0.0040 - 0.0070 in/in	ISO 2577
Melt Flow	13 g/10 min @Load 10.0 kg, Temperature 220 °C	13 g/10 min @Load 22.0 lb, Temperature 428 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	35.0 MPa	5080 psi	ISO 527
Tensile Strength, Yield	45.0 MPa	6530 psi	ISO 527
Elongation at Break	3.0 %	3.0 %	ISO 527
Tensile Modulus	2.30 GPa	334 ksi	ISO 527
Flexural Modulus	2.30 GPa	334 ksi	ISO 178
Izod Impact, Notched	0.0850 J/cm @Temperature 23.0 °C	0.159 ft-lb/in @Temperature 73.4 °F	ISO 180/A

Thermal Properties	Metric	English	Comments
Vicat Softening Point	93.0 °C @Load 5.10 kg	199 °F @Load 11.2 lb	120°C/hr; ISO 306
	102 °C @Load 1.02 kg	216 °F @Load 2.25 lb	120°C/hr; ISO 306
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	
	HB	HB	

Thermal Properties	@Thickness 3.20 mm Metric	@Thickness 0.126 in English	Comments
Processing Properties	Metric	English	Comments
Processing Temperature	220 - 240 °C	428 - 464 °F	
Mold Temperature	40.0 - 60.0 °C	104 - 140 °F	
Dry Time	2.00 - 4.00 hour @Temperature 70.0 °C	2.00 - 4.00 hour @Temperature 158 °F	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China