

Cossa Polimeri ESTASTIR GP 1000 Polystyrene

Category : Polymer , Thermoplastic , Polystyrene (PS)

Material Notes:

Polystyrene crystal, general purpose Good melt flow rate, stiffness, gloss, excellent transparency Information provided by Cossa Polimeri S.r.l.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cossa-Polimeri-ESTASTIR-GP-1000-Polystyrene.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in³	ASTM D 792
Linear Mold Shrinkage	0.0040 - 0.0060 cm/cm	0.0040 - 0.0060 in/in	ASTM D 955
Melt Flow	10 g/10 min @Load 5.00 kg, Temperature 200 °C	10 g/10 min @Load 11.0 lb, Temperature 392 °F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	40.0 MPa	5800 psi	ASTM D 638
Elongation at Break	2.0 %	2.0 %	ASTM D 638
Flexural Modulus	3.30 GPa	479 ksi	ASTM D 790
Izod Impact, Notched	0.200 J/cm @Temperature 23.0 °C	0.375 ft-lb/in @Temperature 73.4 °F	ASTM D 256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	84.0 °C @Load 5.00 kg	183 °F @Load 11.0 lb	50°C/hr; ASTM D 1525
	93.0 °C @Load 0.999 kg	199 °F @Load 2.20 lb	50°C/hr; ASTM D 1525
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	
	HB @Thickness 3.20 mm	HB @Thickness 0.126 in	

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