

Cossa Polimeri ESTAPROP H 0580 GFC Polypropylene, 40% Glass Filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 40% Glass Fiber Filler

Material Notes:

PP homopolymer 40% chemically coupled glass fiberExcellent stiffness, excellent impact strengthInformation provided by Cossa Polimeri S.r.l.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cossa-Polimeri-ESTAPROP-H-0580-GFC-Polypropylene-40-Glass-Filled.php

Physical Properties	Metric	English	Comments
Density	1.18 g/cc	0.0426 lb/in ³	ASTM D 792
Linear Mold Shrinkage	0.0020 - 0.0040 cm/cm	0.0020 - 0.0040 in/in	ASTM D 955
Melt Flow	3.0 g/10 min @Load 2.16 kg, Temperature 230 °C	3.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	100 MPa	14500 psi	ASTM D 638
Elongation at Break	3.0 %	3.0 %	ASTM D 638
Tensile Modulus	8.20 GPa	1190 ksi	ASTM D 638
Flexural Modulus	7.50 GPa	1090 ksi	ASTM D 790
Izod Impact, Notched	1.00 J/cm @Temperature -20.0 °C	1.87 ft-lb/in @Temperature -4.00 °F	ASTM D 638
	1.10 J/cm @Temperature 0.000 °C	2.06 ft-lb/in @Temperature 32.0 °F	ASTM D 638
	1.30 J/cm @Temperature 23.0 °C	2.44 ft-lb/in @Temperature 73.4 °F	ASTM D 256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	150 °C	302 °F	120°C/hr; ASTM D 648
Vicat Softening Point	140 °C @Load 5.00 kg	284 °F @Load 11.0 lb	50°C/hr; ASTM D 1525
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

Thermal Properties	Metric	English	Comments
	@Thickness 3.20 mm	@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