

Eurostar Starpylen HT 25 MC PP, Mineral Filled, Injection Molding

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Mineral Reinforced

Material Notes:

Starpylen HT 25 MC is a Mineral Filled Polypropylene Injection Molding Resin Information provided by Eurostar.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Eurostar-Starpylen-HT-25-MC-PP-Mineral-Filled-Injection-Molding.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.012 - 0.016 cm/cm @Thickness 4.00 mm	0.012 - 0.016 in/in @Thickness 0.157 in	E2P method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	30.0 MPa	4350 psi	ISO 527
Elongation at Break	40 %	40 %	
Tensile Modulus	2.40 GPa	348 ksi	ISO 527
Flexural Strength	55.0 MPa	7980 psi	ISO 178
Flexural Modulus	2.50 GPa	363 ksi	ISO 178
Izod Impact, Notched (ISO)	37.0 kJ/m ²	17.6 ft-lb/in ²	80x10x4; ISO 180/1A
Charpy Impact Unnotched	2.50 J/cm ²	11.9 ft-lb/in ²	Edgew 80x10x4 sp=62; ISO 179/1eU

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	75.0 °C	167 °F	Flatw 80x10x4, sp=64 mm; ISO 75/Af
Vicat Softening Point	149 °C	300 °F	B/50; ISO 306

Processing Properties	Metric	English	Comments
Zone 1	220 °C	428 °F	
Zone 2	230 °C	446 °F	
Zone 3	240 °C	464 °F	
Melt Temperature	210 - 250 °C	410 - 482 °F	
Mold Temperature	50.0 - 60.0 °C	122 - 140 °F	

Processing Properties	70.0 °C Metric	158 °F English	Comments
	@Time 10800 sec	@Time 3.00 hour	

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