

Eurostar Starglas FF006 HDPE, Glass Fiber Filled

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Glass fiber Filled

Material Notes:

Starglas FF004 is a Glass Fiber Reinforced High Density Polyethylene Resin (also known as Starglas PE HE 30V) Information provided by Eurostar.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Eurostar-Starglas-FF006-HDPE-Glass-Fiber-Filled.php

Physical Properties	Metric	English	Comments
Density	1.18 g/cc	0.0426 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.0030 - 0.0050 cm/cm @Thickness 4.00 mm	0.0030 - 0.0050 in/in @Thickness 0.157 in	E2P method

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	55.0 MPa	7980 psi	ISO 527
Elongation at Break	3.0 %	3.0 %	ISO 527
Tensile Modulus	5.80 GPa	841 ksi	ISO 527
Flexural Strength	77.0 MPa	11200 psi	ISO 178
Flexural Modulus	4.50 GPa	653 ksi	ISO 178
Izod Impact, Notched (ISO)	7.00 kJ/m ²	3.33 ft-lb/in ²	80x10x4; ISO 180/1A
Izod Impact, Unnotched (ISO)	35.0 kJ/m ²	16.7 ft-lb/in ²	80x10x4; ISO 180/1U

Processing Properties	Metric	English	Comments
Zone 1	170 - 200 °C	338 - 392 °F	
Zone 2	170 - 200 °C	338 - 392 °F	
Zone 3	170 - 200 °C	338 - 392 °F	
Melt Temperature	190 °C	374 °F	
Mold Temperature	40.0 - 55.0 °C	104 - 131 °F	
Drying Temperature	70.0 °C @Time 7200 sec	158 °F @Time 2.00 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