

PolyOne Edgetek® MP-30GF/000 Modified PPO - 30% Glass Fiber Reinforced (discontinued **)

Category : Polymer , Thermoplastic , Polyphenylene Ether/PPO , Polyphenylene Ether, 30% Glass Filled

Material Notes:

Data provided by PolyOne.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Edgetek-MP-30GF000-Modified-PPO-30-Glass-Fiber-Reinforced-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.28 g/cc	0.0462 lb/in ³	ASTM D792
Water Absorption	0.060 %	0.060 %	24 hrs. ASTM D570
Linear Mold Shrinkage	0.0010 - 0.0030 cm/cm @Thickness 3.17 mm	0.0010 - 0.0030 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	93	93	ASTM D785
Tensile Strength, Ultimate	124 MPa	18000 psi	ASTM D638
Elongation at Break	3.0 - 4.0 %	3.0 - 4.0 %	ASTM D638
Tensile Modulus	7.60 GPa	1100 ksi	ASTM D638
Flexural Yield Strength	165 MPa	23900 psi	ASTM D790
Flexural Modulus	7.60 GPa	1100 ksi	ASTM D790
Izod Impact, Notched	1.20 J/cm @Thickness 6.35 mm	2.25 ft-lb/in @Thickness 0.250 in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	27.0 µm/m-°C @Temperature 20.0 °C	15.0 µin/in-°F @Temperature 68.0 °F	ASTM D696
Thermal Conductivity	0.190 W/m-K	1.32 BTU-in/hr-ft ² -°F	Cenco test
Deflection Temperature at 0.46 MPa (66 psi)	160 °C	320 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	154 °C	309 °F	ASTM D648
Flammability, UL94	HB	HB	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	1.00e+16 ohm-cm	1.00e+16 ohm-cm	ASTM D257

Processing Properties	Metric	English	Comments
Melt Temperature	282 - 304 °C	540 - 579 °F	Stock
Mold Temperature	93.0 °C	199 °F	
Drying Temperature	93.0 °C	199 °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