

Eurotec® Tecoform® P030 GR20 NL HS POM, 20% glass fiber reinforced, heat stabilized, natural

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, 20% Glass Fiber Reinforced

Material Notes:

Information provided by Eurotec®

Order this product through the following link:

http://www.lookpolymers.com/polymer_Eurotec-Tecoform-P030-GR20-NL-HS-POM-20-glass-fiber-reinforced-heat-stabilized-natural.php

Physical Properties	Metric	English	Comments
Density	1.54 g/cc	0.0556 lb/in ³	ISO 1183
Moisture Absorption	0.200 % @Temperature 23.0 °C	0.200 % @Temperature 73.4 °F	50% RH; ISO 960
Linear Mold Shrinkage, Flow	0.0040 cm/cm	0.0040 in/in	Eurotec
Linear Mold Shrinkage, Transverse	0.017 cm/cm	0.017 in/in	Eurotec

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	115 MPa	16700 psi	ISO 527
Elongation at Break	3.0 %	3.0 %	ISO 527
Tensile Modulus	7.00 GPa	1020 ksi	ISO 527
Izod Impact, Notched (ISO)	6.00 kJ/m ² @Temperature -30.0 °C	2.86 ft-lb/in ² @Temperature -22.0 °F	ISO 180/1A
	7.00 kJ/m ² @Temperature 23.0 °C	3.33 ft-lb/in ² @Temperature 73.4 °F	ISO 180/1A

Thermal Properties	Metric	English	Comments
Melting Point	165 °C	329 °F	[10 K/min], ISO 11357
Deflection Temperature at 1.8 MPa (264 psi)	155 °C	311 °F	ISO 75
Flammability, UL94	HB @Thickness 0.750 mm	HB @Thickness 0.0295 in	
	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+14 ohm-cm	1.00e+14 ohm-cm	IEC 60093
Surface Resistance	1.00e+16 ohm	1.00e+16 ohm	IEC 60093
Comparative Tracking Index	500 V	500 V	Solution A; IEC 60112

Processing Properties	Metric	English	Comments
Processing Temperature	190 - 230 °C	374 - 446 °F	
Feed Temperature	30.0 - 50.0 °C	86.0 - 122 °F	Throat
Mold Temperature	60.0 - 120 °C	140 - 248 °F	
Drying Temperature	100 - 120 °C	212 - 248 °F	
Dry Time	3.00 - 6.00 hour	3.00 - 6.00 hour	
Hold Pressure	80.0 - 100 MPa	11600 - 14500 psi	

Descriptive Properties	Value	Comments
Back Pressure	Low	
Injection Speed	Medium - Fast	

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