

E-Polymers SEPAZ® K130IM 30% Glass Fiber Reinforced Impact Modified PPS Resin

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS) , Polyphenylene Sulfide (PPS) with 30% Glass Fiber Filler

Material Notes:

Polyphenylene Sulfide Resin: High-performance engineering plastic SEPAZ PPS boasts excellent high-temperature resistance, flame retardancy and chemical resistance, physical strength, and its fluidity leads to good dimensional precision. SEPAZ PPS applications: switches, connectors and other electronic and electric components, alternators and other automobile components, and office equipment components including chassis parts and housings. Information Provided by E-Polymers Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_E-Polymers-SEPAZ-K130IM-30-Glass-Fiber-Reinforced-Impact-Modified-PPS-Resin.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.48 g/cc	1.48 g/cc	ASTM D792
Water Absorption	0.020 % @Time 86400 sec	0.020 % @Time 24.0 hour	
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	
Linear Mold Shrinkage, Transverse	0.0080 cm/cm	0.0080 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength	142.2 MPa	20630 psi	ASTM D638
Elongation at Break	4.0 %	4.0 %	ASTM D638
Flexural Strength	235.44 MPa	34148 psi	ASTM D790
Flexural Modulus	9.0252 GPa	1309.0 ksi	ASTM D790
Izod Impact, Notched	1.37 J/cm	2.57 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	260 °C	500 °F	ASTM D789
Deflection Temperature at 1.8 MPa (264 psi)	245 °C	473 °F	ASTM D648
Flammability, UL94	V-0	V-0	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+15 ohm-cm	1.00e+15 ohm-cm	ASTM D257
	3.8	3.8	

Electrical Properties	Metric	English	Comments
	Hz	Hz	
	0.0020	0.0020	
Dissipation Factor	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	ASTM D150

Processing Properties	Metric	English	Comments
Melt Temperature	300 - 330 °C	572 - 626 °F	
Mold Temperature	130 - 160 °C	266 - 320 °F	
Drying Temperature	140 °C	284 °F	
Dry Time	6 hour	6 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