

Panjin Zhongrun Chemerize 021G Medium Viscosity CoPEEK

Category : Polymer , Thermoplastic , Polyketone , Polyetheretherketone (PEEK) , Polyetheretherketone, PEEK, Unreinforced

Material Notes:

Information provided by Bieglo GmbH.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Panjin-Zhongrun-Chemerize-021G-Medium-Viscosity-CoPEEK.php

Physical Properties	Metric	English	Comments
Density	1.30 g/cc	0.0470 lb/in ³	ISO 1183
Linear Mold Shrinkage	0.0070 - 0.012 cm/cm	0.0070 - 0.012 in/in	ISO 2577

Mechanical Properties	Metric	English	Comments
Tensile Strength	100 MPa	14500 psi	ISO 527
Elongation at Break	40 %	40 %	ISO 527
Flexural Strength	160 MPa	23200 psi	ISO 178
Flexural Modulus	3.90 GPa	566 ksi	ISO 178
Izod Impact, Notched (ISO)	6.00 kJ/m ²	2.86 ft-lb/in ²	ISO 180/A
Izod Impact, Unnotched (ISO)	NB	NB	ISO 180/U

Thermal Properties	Metric	English	Comments
Melting Point	>= 340 °C	>= 644 °F	ISO 3146
Deflection Temperature at 1.8 MPa (264 psi)	155 °C	311 °F	ISO75A
Flammability, UL94	V-0 @Thickness 0.400 mm	V-0 @Thickness 0.0157 in	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+15 ohm-cm	1.00e+15 ohm-cm	ISO 60093
Dielectric Constant	3.2 @Frequency 1000 Hz	3.2 @Frequency 1000 Hz	ISO 60250
Dissipation Factor	0.0033 @Frequency 1000 Hz	0.0033 @Frequency 1000 Hz	ISO 60250

Descriptive Properties	Value	Comments
Form	Granules	

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