

## Panjin Zhongrun Chemerize 012P High 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-012P-High-Viscosity-CoPEEK.php](http://www.lookpolymers.com/polymer_Panjin-Zhongrun-Chemerize-012P-High-Viscosity-CoPEEK.php)

Physical Properties	Metric	English	Comments
Density	1.30 g/cc	0.0470 lb/in <sup>3</sup>	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	95.0 MPa	13800 psi	ISO 527
Elongation at Break	50 %	50 %	ISO 527
Flexural Strength	155 MPa	22500 psi	ISO 178
Flexural Modulus	3.70 GPa	537 ksi	ISO 178
Izod Impact, Notched (ISO)	7.00 kJ/m <sup>2</sup>	3.33 ft-lb/in <sup>2</sup>	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)	153 °C	307 °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	Pellets	

## Contact Songhan Plastic Technology Co.,Ltd.

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