

Resinoid 1365 Phenolic Molding, Glass Reinforced

Category : Polymer , Thermoset , Filled/Reinforced Thermoset , Phenolic , Phenolic, Novolac, Glass Filled

Material Notes:

Data provided by the manufacturer. The Resinoid 1300 and 7000 glass fiber reinforced series compounds feature mechanical strength, dimensional stability, electrical insulation, and heat resistance

Order this product through the following link:

http://www.lookpolymers.com/polymer_Resinoid-1365-Phenolic-Molding-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.70 g/cc	0.0614 lb/in ³	ASTM D792A
Linear Mold Shrinkage	0.0015 cm/cm	0.0015 in/in	Positive Mold; ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	55.0 MPa	7980 psi	ASTM D651
Flexural Strength	117 MPa	17000 psi	ASTM D790
Compressive Strength	207 MPa	30000 psi	ASTM D695
Izod Impact, Notched	1.576 J/cm	2.952 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	315 °C	599 °F	ASTM D648

Electrical Properties	Metric	English	Comments
Dielectric Strength	13.0 kV/mm	330 kV/in	Short Time; Dry; ASTM D149

Processing Properties	Metric	English	Comments
Mold Temperature	155 - 180 °C	311 - 356 °F	

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