

Resinoid 1363 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-1363-Phenolic-Molding-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.75 g/cc	0.0632 lb/in ³	ASTM D792A
Water Absorption	0.10 %	0.10 %	24 hours R.T. ASTM D570

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	50.0 MPa	7250 psi	ASTM D651
Flexural Strength	131 MPa	19000 psi	ASTM D790
Flexural Modulus	18.0 GPa	2610 ksi	ASTM D790
Compressive Strength	234 MPa	33900 psi	ASTM D695
Izod Impact, Notched	1.58 J/cm	2.96 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	>= 300 °C	>= 572 °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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