

## Resinoid 1360 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-1360-Phenolic-Molding-Glass-Reinforced.php](http://www.lookpolymers.com/polymer_Resinoid-1360-Phenolic-Molding-Glass-Reinforced.php)

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

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	48.0 MPa	6960 psi	ASTM D651
Flexural Strength	138 MPa	20000 psi	ASTM D790
Flexural Modulus	18.0 GPa	2610 ksi	ASTM D790
Compressive Strength	240 MPa	34800 psi	ASTM D695
Izod Impact, Notched	1.838 J/cm	3.443 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	

## Contact Songhan Plastic Technology Co.,Ltd.

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