

## Resinoid 2002-2 Phenolic Molding, Fabric Reinforced

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

### Material Notes:

Data provided by the manufacturer. The Resinoid 2000 organic fiber reinforced series compounds feature mechanical strength, dimensional stability, and shock resistance

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Resinoid-2002-2-Phenolic-Molding-Fabric-Reinforced.php](http://www.lookpolymers.com/polymer_Resinoid-2002-2-Phenolic-Molding-Fabric-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.41 g/cc	0.0509 lb/in <sup>3</sup>	ASTM D792A
Water Absorption	0.30 %	0.30 %	24 hours R.T. ASTM D570
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	Positive Mold; ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	55.0 MPa	7980 psi	ASTM D651
Flexural Strength	102 MPa	14800 psi	ASTM D790
Flexural Modulus	11.0 GPa	1600 ksi	ASTM D790
Compressive Strength	138 MPa	20000 psi	ASTM D695
Izod Impact, Notched	0.683 J/cm	1.28 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	260 °C	500 °F	ASTM D648

Processing Properties	Metric	English	Comments
Mold Temperature	150 - 170 °C	302 - 338 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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