

Resinoid 1360

Phenolic
Resinoid Engineering Corporation

Message:

Resinoid 1360 is a Phenolic product filled with glass fiber. It can be processed by compression molding, injection molding, or resin transfer molding and is available in North America. Applications of Resinoid 1360 include automotive and electrical/electronic applications.

Characteristics include:

- Creep Resistant
- Heat Resistant
- High Strength
- Impact Resistant

General Information	
Filler / Reinforcement	Glass Fiber
Features	Good Creep Resistance
	Good Impact Resistance
	Good Thermal Stability
	High Strength
Uses	Electrical Parts
Forms	Pellets
Processing Method	Compression Molding
	Injection Molding
	Resin Transfer Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.74	g/cm ³	ASTM D792
Water Absorption (24 hr)	0.10	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	48.3	MPa	ASTM D638
Flexural Modulus	17900	MPa	ASTM D790
Flexural Strength (Yield)	138	MPa	ASTM D790
Compressive Strength	240	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	190	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	300	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	13	kV/mm	ASTM D149

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