

Resinoid 1370

Phenolic

Resinoid Engineering Corporation

Message:

Resinoid 1370 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 1370 include electrical/electronic applications and housings. Primary characteristic: heat resistant.

General Information	
Filler / Reinforcement	Glass Fiber
Features	Good Thermal Stability
Uses	Electrical Parts
	Housings
Forms	Pellets
Processing Method	Compression Molding
	Injection Molding
	Resin Transfer Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.83	g/cm ³	ASTM D792
Water Absorption (24 hr)	0.10	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	51.7	MPa	ASTM D638
Flexural Strength (Yield)	89.6	MPa	ASTM D790
Compressive Strength	200	MPa	ASTM D695
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	316	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	9.4	kV/mm	ASTM D149

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