

Magnobond 3360

Epoxy; Epoxide
Magnolia Plastics, Inc.

Message:

Magnobond 3360 is an Epoxy; Epoxide (Epoxy) product. It can be processed by encapsulating or potting and is available in North America. Typical application: Electrical/Electronic Applications. Primary characteristic: low viscosity.

General Information	
Features	Good Electrical Properties
	Low Viscosity
Uses	Electrical/Electronic Applications
Appearance	Clear/Transparent
	Orange
Forms	Liquid
Processing Method	Encapsulating
	Potting

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Water Absorption (24 hr)	0.27	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	70		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (25°C)	3.79	MPa	ASTM D638
Tensile Elongation (Break, 25°C)	93	%	ASTM D638
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.6E+14	ohms · cm	ASTM D257
Dielectric Strength	14	kV/mm	ASTM D149
Dielectric Constant (1 MHz)	4.11		ASTM D150
Dissipation Factor (1 MHz)	0.020		ASTM D150
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Hardener	Mix Ratio by Weight: 86, Mix Ratio by Volume: 1.0		
Resin	Mix Ratio by Weight: 100, Mix Ratio by Volume: 1.0		
Thermoset Mix Viscosity (25°C)	1700	cP	ASTM D2393
Demold Time (85°C)	90 to 120	min	

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