

# Magnobond 3265

Epoxy; Epoxide  
Magnolia Plastics, Inc.

Message:

Magnobond 3265 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.

Characteristics include:

Low Shrinkage  
Moisture Resistant

General Information			
Features	Low Shrinkage		
	Moisture Resistant		
Uses	Electrical/Electronic Applications		
Forms	Liquid		
Processing Method	Encapsulating		
	Potting		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.65	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	1.3	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	4.14	MPa	ASTM D638
Tensile Elongation (Break)	20	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow	1.6E-4	cm/cm/°C	ASTM D696
Thermal Conductivity	0.67	W/m/K	ASTM C177
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	3.8E+12	ohms	ASTM D257
Volume Resistivity	1.6E+10	ohms · cm	ASTM D257
Dielectric Constant (1 MHz)	5.60		ASTM D150
Dissipation Factor (1 MHz)	0.040		ASTM D150
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Hardener	Mix Ratio by Volume: 1.0		
Resin	Mix Ratio by Volume: 1.0		
Shelf Life (32°C)	26	wk	
Thermoset Mix Viscosity	3500	cP	ASTM D2393

Demold Time (25°C)

4300 to 7200

min

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#### Recommended distributors for this material

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