

# Magnobond 106-167

Epoxy; Epoxide  
Magnolia Plastics, Inc.

Message:  
Magnobond 106-167 is an Epoxy; Epoxide (Epoxy) product. It can be processed by potting and is available in North America. Typical application: Electrical/Electronic Applications.

General Information			
Features	Fast Cure		
Uses	Electrical/Electronic Applications		
Forms	Liquid		
Processing Method	Potting		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm <sup>3</sup>	ASTM D792
Water Absorption (24 hr)	0.92	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (25°C)	43.9	MPa	ASTM D638
Tensile Elongation (Break, 25°C)	3.8	%	ASTM D638
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	2.0E+15	ohms·cm	ASTM D257
Dielectric Constant (1 kHz)	3.40		ASTM D150
Dissipation Factor (1 kHz)	0.010		ASTM D150
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Hardener	Mix Ratio by Weight: 33		
Resin	Mix Ratio by Weight: 100		
Pot Life (25°C)	5.0	min	
Shelf Life	26	wk	
Thermoset Mix Viscosity (25°C)	800	cP	ASTM D2393
Demold Time	20 to 30	min	

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