

# Magnobond 108-059

Epoxy; Epoxide  
Magnolia Plastics, Inc.

Message:

Magnobond 108-059 is an Epoxy; Epoxide (Epoxy) product. It can be processed by potting and is available in North America. Typical application: Electrical/Electronic Applications. Primary characteristic: low viscosity.

General Information			
Features	Low Viscosity		
Uses	Electrical/Electronic Applications		
Forms	Liquid		
Processing Method	Potting		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.60	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6070	MPa	ASTM D638
Tensile Strength	30.2	MPa	ASTM D638
Tensile Elongation (Break)	0.63	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow (-30 to 30°C)	7.1E-5	cm/cm/°C	ASTM D696
Thermal Conductivity	0.42	W/m/K	ASTM C177
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	16	kV/mm	ASTM D149
Dielectric Constant	4.14		ASTM D150
Dissipation Factor	0.010		ASTM D150
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Hardener	Mix Ratio by Weight: 31		
Resin	Mix Ratio by Weight: 100		
Pot Life (25°C)	60	min	
Shelf Life	26	wk	
Thermoset Mix Viscosity (25°C)	14000	cP	ASTM D2393
Demold Time (25°C)	720	min	

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Recommended distributors for this material

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