

# Magnobond 55-2

Epoxy; Epoxide  
Magnolia Plastics, Inc.

Message:

Magnobond 55-2 is an Epoxy; Epoxide (Epoxy) product. It is available in North America. Typical application: Adhesives/Tapes. Primary characteristic: chemical resistant.

General Information			
Features	Gasoline Resistance		
	Good Chemical Resistance		
	Oil Resistant		
	Solvent Resistant		
Uses	Adhesives		
Appearance	Grey		
	Yellow		
Forms	Liquid		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.998	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	1.0	%	ASTM D955
Water Absorption (24 hr)	0.25	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	60.7	MPa	ASTM D638
Flexural Modulus	2140	MPa	ASTM D790
Flexural Strength	100	MPa	ASTM D790
Compressive Strength	10.3	MPa	ASTM D695
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	4.0E+5	ohms · cm	ASTM D257
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Hardener	Mix Ratio by Volume: 1.0		
Resin	Mix Ratio by Volume: 1.0		
Pot Life (25°C)	180	min	
Thermoset Mix Viscosity (25°C)	200000	cP	ASTM D2393
Demold Time (25°C)	720	min	

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