Magnobond 3106

Epoxy; Epoxide

Magnolia Plastics, Inc.

Message:

Magnobond 3106 is an Epoxy; Epoxide (Epoxy) product. It is available in North America. Typical application: Sealing Applications.
Characteristics include:
Flame Rated
Flame Retardant
Moisture Resistant

General Information			
UL YellowCard	E83708-251207		
Additive	Flame Retardant		
Features	Flame Retardant Good Electrical Properties Moisture Resistant		
Uses	Sealants		
UL File Number	E83708		
Forms	Liquid		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.40	g/cm³	ASTM D792
Water Absorption (24 hr)	0.24	%	ASTM D570
Thermal	**Nominal Value**	**Unit**	**Test Method**
Thermal Conductivity	0.54	W/m/K	ASTM C177
Electrical	**Nominal Value**	**Unit**	**Test Method**
Surface Resistivity	5.0E+16	ohms	ASTM D257
Volume Resistivity	1.0E+15	ohms·cm	ASTM D257
Flammability	**Nominal Value**	**Unit**	**Test Method**
Flame Rating			UL 94
3.18 mm, WT, YL, BL	V-1		
BK	V-0		
Thermoset	**Nominal Value**	**Unit**	**Test Method**
Thermoset Components			
Hardener	Mix Ratio by Weight: 100, Mix Ratio by Volume: 100		
Resin	Mix Ratio by Weight: 12, Mix Ratio by Volume: 18		
Pot Life (25°C)	80	min	
Shelf Life	26	wk	
Thermoset Mix Viscosity	1600	cP	ASTM D2393
Demold Time			
25°C	480 to 720	min	

85°C	10 to 20	min
100°C	5.0 to 10	min

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