

Sumikon® EME-7320CL

Epoxy; Epoxide

Sumitomo Bakelite Co., Ltd.

Message:

Sumikon® EME-7320CL is an epoxy; Epoxy resin products. It can be processed by encapsulation and is available in North America.

General Information			
Features	Fast curing		
	Good cracking resistance		
Uses	Semiconductor molding compound		
Forms	Liquid		
Processing Method	Enclosure		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.90	g/cm ³	ASTM D792
Water Absorption (24 hr)	0.22	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus (25°C)	17200	MPa	ASTM D790
Flexural Strength (25°C)	167	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	138	°C	ASTM E1356
Thermal Conductivity	0.75	W/m/K	ASTM C177
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+13	ohms·cm	ASTM D257
Thermoset	Nominal Value	Unit	
Demold Time (180°C)	0.67 - 1.0	min	
Post Cure Time (175°C)	4.0 - 10	hr	
Additional Information			

Spiral Flow, SB-U-03-003: 180 cmGel Time, SB-U-03-005, 175°C: 42 secThermal Expansion, SB-U-02-002, TTg: 5.2 E-5/°CFlexural Strength, SB-U-01-001, 240°C: 20.6 MPaFlexural Modulus, SB-U-01-002, 240°C: 638 MPaUL-94 Flame Class, SB-U-03-003: V-0Extracted Na+, SB-U-04-043: <1 ppmExtracted Cl-, SB-U-04-043: 5 ppmTransfer Pressure: 687-1177 MPa

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