

Sumikon® EME-7320CR

Epoxy; Epoxide

Sumitomo Bakelite Co., Ltd.

Message:

Sumikon® EME-7320CR is an epoxy; Epoxy resin products. It can be processed by encapsulation and is available in North America. Typical application areas are: packaging.

General Information			
Features	Fast curing		
Uses	Semiconductor molding compound		
	Thin wall packaging		
Forms	Liquid		
Processing Method	Enclosure		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.92	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	145	°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: 140 cmGel Time, SB-U-03-005, 175°C: 23 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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