

# Sumikon® EME-S351

Epoxy; Epoxide  
Sumitomo Bakelite Co., Ltd.

Message:  
EME-S351 is a low alpha particle epoxy molding compound.

General Information			
Uses	Semiconductor molding compound		
Forms	Liquid		
Processing Method	Enclosure		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.00	g/cm <sup>3</sup>	ASTM D792
Water Absorption (24 hr)	0.15	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus (25°C)	25500	MPa	ASTM D790
Flexural Strength (25°C)	177	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	135	°C	ASTM E1356
Thermal Conductivity	0.92	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 (175°C)	1.0 - 2.0	min	
Post Cure Time (175°C)	4.0 - 10	hr	

Additional Information			
Spiral Flow, SB-U-03-003: 110 cmGel Time, SB-U-03-005, 175°C: 35 secThermal Expansion, SB-U-02-002, TTg: 3.7 E-5/°CFlexural Strength, SB-U-01-001, 240°C: 25.5 MPaFlexural Modulus, SB-U-01-002, 240°C: 883 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			

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT