

Lord Adhesives Thermoset, MS-330 Silicone Board Level Encapsulant

Category : Polymer , Thermoset , Silicone , Silicone, RTV, Encapsulation Grade

Material Notes:

LORD Thermoset, MS-330 encapsulant is a one component silicone specifically designed for use on high-frequency devices including Bluetooth applications. This silicone encapsulant offers excellent electrical insulation properties ideal for coating and protecting electronic devices on polymeric and ceramic substrates. All information provided by Lord.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lord-Adhesives-Thermoset-MS-330-Silicone-Board-Level-Encapsulant.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	
Brookfield Viscosity	15000 - 23000 cP @Temperature 25.0 °C	15000 - 23000 cP @Temperature 77.0 °F	Spindle CP52 @ 10rpm

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	30 - 35	30 - 35	
Modulus of Elasticity	0.0100 GPa	1.45 ksi	DMA

Thermal Properties	Metric	English	Comments
CTE, linear	450 µm/m-°C	250 µin/in-°F	Alpha 2; TMA
Glass Transition Temp, Tg	-40.0 °C	-40.0 °F	TMA

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.20e+16 ohm-cm @Temperature 25.0 °C	1.20e+16 ohm-cm @Temperature 77.0 °F	
Dielectric Constant	2.8 @Frequency 1.00e+6 Hz	2.8 @Frequency 1.00e+6 Hz	
Dissipation Factor	0.0020 @Frequency 1.00e+6 Hz	0.0020 @Frequency 1.00e+6 Hz	

Processing Properties	Metric	English	Comments
Cure Time	30.0 - 60.0 min	0.500 - 1.00 hour	

Processing Properties	@Temperature 125 Å°C Metric	@Temperature 257 Å°F English	Comments
Pot Life	10080 min @Temperature 25.0 Å°C	10080 min @Temperature 77.0 Å°F	
Gel Time	15.0 min @Temperature 150 Å°C	15.0 min @Temperature 302 Å°F	
Shelf Life	6.00 Month @Temperature -30.0 Å°C	6.00 Month @Temperature -22.0 Å°F	

Descriptive Properties	Value	Comments
Appearance	Black	
Consistency	Liquid	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China