

Lord Adhesives Circalok®,ç EP-939 Epoxy Board Level Encapsulant

Category : Polymer , Thermoset , Epoxy , Epoxy Encapsulant, Unreinforced

Material Notes:

LORD Thermoset®,ç EP-939 encapsulant is a black, one-component epoxy specifically designed to meet the needs of coating semiconductor devices on printed circuit boards. All information provided by Lord.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lord-Adhesives-Circalok-EP-939-Epoxy-Board-Level-Encapsulant.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.49 g/cc	1.49 g/cc	
Brookfield Viscosity	30000 - 44400 cP @Temperature 25.0 Â°C	30000 - 44400 cP @Temperature 77.0 Â°F	Spindle 6 @ 10rpm

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	87 - 95	87 - 95	
Modulus of Elasticity	1.00 GPa	145 ksi	DMA

Thermal Properties	Metric	English	Comments
CTE, linear	45.0 Âµm/m-Â°C	25.0 Âµin/in-Â°F	Below Tg; TMA
Glass Transition Temp, Tg	125 Â°C	257 Â°F	TMA

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+15 ohm-cm @Temperature 25.0 Â°C	1.00e+15 ohm-cm @Temperature 77.0 Â°F	
Dielectric Constant	4.0 @Frequency 1.00e+6 Hz	4.0 @Frequency 1.00e+6 Hz	
Dissipation Factor	0.010 @Frequency 1.00e+6 Hz	0.010 @Frequency 1.00e+6 Hz	

Processing Properties	Metric	English	Comments
Cure Time	20.0 min @Temperature 150 Â°C	0.333 hour @Temperature 302 Â°F	

Processing Properties	Metric	English	Comments
Pot Life	7.22 min @Temperature 25.0 Å°C	70.00 min @Temperature 77.0 Å°F	
Gel Time	4.00 min @Temperature 150 Å°C	4.00 min @Temperature 302 Å°F	
Shelf Life	6.00 Month @Temperature 0.000 - 5.00 Å°C	6.00 Month @Temperature 32.0 - 41.0 Å°F	

Descriptive Properties	Value	Comments
Appearance	Black	
Consistency	Paste	

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