

Lord Adhesives Circalok[®],ç EP-729 Epoxy Board Level Encapsulant

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

Material Notes:

LORD Thermoset[®],ç EP-729 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-729-Epoxy-Board-Level-Encapsulant.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.49 g/cc	1.49 g/cc	
Brookfield Viscosity	45000 - 70000 cP @Temperature 25.0 Â°C	45000 - 70000 cP @Temperature 77.0 Â°F	Spindle 6 @ 10rpm

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	86 - 96	86 - 96	
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	30.0 min @Temperature 150 Â°C	0.500 hour @Temperature 302 Â°F	

Processing Properties	Metric ^{min}	English ^{min}	Comments
Pot Life	@Temperature 25.0 Â°C	@Temperature 77.0 Â°F	
Gel Time	5.00 min @Temperature 150 Â°C	5.00 min @Temperature 302 Â°F	
Shelf Life	6.00 Month @Temperature 0.000 - 5.00 Â°C	6.00 Month @Temperature 32.0 - 41.0 Â°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