

Lord Adhesives Thermoset,ç MD-150 Conductive Adhesive

Category : Polymer , Adhesive

Material Notes:

LORD Thermoset,ç MD-150 silver-filled conductive adhesive offers excellent electrical and thermal conductivity. It is designed for use with automated dispensing, stamping and screen-printing application equipment. Thermoset MD-150 adhesive provides excellent adhesion to a wide variety of surfaces including silicon, silver, gold and copper. Low ionic levels make it ideally suited for demanding semiconductor and hybrid assembly applications. All information provided by Lord.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lord-Adhesives-Thermoset-MD-150-Conductive-Adhesive.php

Physical Properties	Metric	English	Comments
Specific Gravity	3.50 g/cc	3.50 g/cc	
Viscosity	10000 cP @Temperature 25.0 Â°C	10000 cP @Temperature 77.0 Â°F	

Mechanical Properties	Metric	English	Comments
Modulus of Elasticity	5.00 GPa @Temperature 25.0 Â°C	725 ksi @Temperature 77.0 Â°F	Storage
Shear Strength	41.4 MPa @Temperature 25.0 Â°C	6000 psi @Temperature 77.0 Â°F	Die

Thermal Properties	Metric	English	Comments
CTE, linear	54.0 Âµm/m-Â°C	30.0 Âµin/in-Â°F	Alpha 1
	160 Âµm/m-Â°C	88.9 Âµin/in-Â°F	Alpha 2
Glass Transition Temp, Tg	93.0 Â°C	199 Â°F	TMA

Component Elements Properties	Metric	English	Comments
Potassium, K	0.0010 %	0.0010 %	
Sodium, Na	0.0050 %	0.0050 %	

Electrical Properties	Metric	English	Comments
Volume Resistivity	0.000080 ohm-cm @Temperature 25.0	0.000080 ohm-cm @Temperature 77.0 Â°F	

Electrical Properties	°C Metric	English	Comments
Processing Properties	Metric	English	Comments
Cure Time	60.0 min @Temperature 175 °C	1.00 hour @Temperature 347 °F	
Shelf Life	6.00 Month @Temperature -40.0 °C	6.00 Month @Temperature -40.0 °F	

Descriptive Properties	Value	Comments
Appearance	Silver	
Chloride (%)	0.005	
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