

Parker Chomerics CHO-BOND 584-208 Conductive Adhesive

Category : Polymer , Adhesive , Thermoset

Material Notes:

Two-component, highly conductive adhesive system that combines the good adhesive characteristics of epoxy with the superior conductivity of silver. In addition to being available in bulk form, the material is offered in convenient premeasured "CHO-PAK" for rapid application. CHO-BOND® adhesive meets the most exacting electrical bonding requirements without the high temperatures, fluxes and expensive preparatory techniques usually needed to obtain effective lead-tin solder joints. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-BOND-584-208-Conductive-Adhesive.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.50 - 2.90 g/cc	2.50 - 2.90 g/cc	
Thickness	25.4 microns	1.00 mil	Recommended

Mechanical Properties	Metric	English	Comments
Shear Strength	>= 4.83 MPa	>= 700 psi	
	5.52 MPa	800 psi	
	@Treatment Temp. 21.0 °C, Time 86400 sec	@Treatment Temp. 69.8 °F, Time 24.0 hour	
	5.86 MPa	850 psi	
	@Treatment Temp. 65.0 °C, Time 7200 sec	@Treatment Temp. 149 °F, Time 2.00 hour	

Thermal Properties	Metric	English	Comments
CTE, linear	49.0 µm/m-°C	27.2 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Thermal Conductivity	1.20 - 1.50 W/m-K	8.33 - 10.4 BTU-in/hr-ft ² -°F	
Maximum Service Temperature, Air	99.0 °C	210 °F	
Minimum Service Temperature, Air	-62.0 °C	-79.6 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 0.0050 ohm-cm	<= 0.0050 ohm-cm	
	@Treatment Temp. 65.0 °C,	@Treatment Temp. 149 °F,	

Electrical Properties	Time 7200 sec Metric	Time 2.00 hour English	Comments
	<= 0.125 ohm-cm	<= 0.125 ohm-cm	
	@Treatment Temp. 21.0 °C, Time 86400 sec	@Treatment Temp. 69.8 °F, Time 24.0 hour	

Processing Properties	Metric	English	Comments
Cure Time	45.0 min	0.750 hour	
	@Temperature 100 °C	@Temperature 212 °F	
Pot Life	1440 min	24.0 hour	
	@Temperature 24.0 °C	@Temperature 75.2 °F	
Shelf Life	9.00 Month	9.00 Month	Bulk; from date of Manufacture
	@Temperature 21.0 °C	@Temperature 69.8 °F	
	12.0 Month	12.0 Month	Bi-Paks; from date of Manufacture
	@Temperature 21.0 °C	@Temperature 69.8 °F	

Descriptive Properties	Value	Comments
Binder	Epoxy	
Color	Silver/gray	
Consistency	Medium Paste	
Coverage	141.9 cm ² /g	
Filler	Ag	
Mix Ratio	1:1	584 : Hardener
Working Life	1 hr	

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