

Parker Chomerics CHO-BOND 1029 Conductive Adhesive

Category : Polymer , Adhesive , Thermoset , Silicone

Material Notes:

CHO-BOND® 1029 is a highly conductive silicone adhesive, intended for bonding Chomerics' conductive silicone EMI gaskets to electrically conductive substrates. It is a two-component, silver-plated-copper filled system which cures to a flexible, permanent bond. Unlike 1-part conductive silicone RTV adhesives, its cure can be accelerated with heat. CHO-BOND® 1029 should not be used as an EMI caulk. The material is highly conductive through a bond line of less than 8 mils, but through a bond line of greater thickness, CHO-BOND 1029 electrical conductivity sharply decreases. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-BOND-1029-Conductive-Adhesive.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.65 - 3.35 g/cc	2.65 - 3.35 g/cc	
Thickness	203 microns	8.00 mil	

Mechanical Properties	Metric	English	Comments
Shear Strength	>= 3.10 MPa	>= 450 psi	Lap

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	125 °C	257 °F	
Minimum Service Temperature, Air	-55.0 °C	-67.0 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 0.060 ohm-cm	<= 0.060 ohm-cm	DC resistance in ohms through a 2.58 cm ² by 0.02 cm thick sample

Processing Properties	Metric	English	Comments
Cure Time	30.0 min	0.500 hour	
	@Temperature 121 °C	@Temperature 250 °F	
Shelf Life	10100 min	168 hour	
	@Temperature 24.0 °C	@Temperature 75.2 °F	

Descriptive Properties	Value	Comments
Binder	Silicone	

Descriptive Properties	Value	Comments
Coverage	25.5 cm ² / g	
Filler	Ag/Cu	
Mix Ratio	1.0:2.5	
Working Life	2 hrs	

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