

## Parker Chomerics CHO-BOND 4669 Conductive Caulk/Sealant

Category : Polymer , Adhesive , Thermoset

### Material Notes:

Chomerics two-component conductive epoxy caulks provide excellent adhesion to dissimilar substrates and can be used in lap or butt joint applications. They feature large silver-plated-copper particles that make them well suited for sealing poorly tolerated surfaces. Information provided by Chomerics

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Parker-Chomerics-CHO-BOND-4669-Conductive-CaulkSealant.php](http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-BOND-4669-Conductive-CaulkSealant.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.70 - 2.30 g/cc	1.70 - 2.30 g/cc	
Volatile Organic Compounds (VOC) Content	361 g/l	361 g/l	
Volatiles	10 - 20 %	10 - 20 %	
Thickness	>= 381 microns	>= 15.0 mil	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	100 °C	212 °F	
Minimum Service Temperature, Air	-55.0 °C	-67.0 °F	
Flash Point	>= 28.9 °C	>= 84.0 °F	

Component Elements Properties	Metric	English	Comments
Copper, Cu	<= 60 %	<= 60 %	
Silver, Ag	<= 10 %	<= 10 %	

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 0.080 ohm-cm	<= 0.080 ohm-cm	

Processing Properties	Metric	English	Comments
Cure Time	10100 min @Temperature 23.0 °C	168 hour @Temperature 73.4 °F	
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
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Amorphous fumed silica wt. % Max Descriptive Properties	Value	Comments
Binder	Polyisobutylene	
Color	Gray/silver	
Consistency	Gritty Paste	
Coverage (cm <sup>2</sup> / g)	12.8	
Ethyl Benzene wt. %	4	
Filler	Ag/Cu	
Mix Ratio	1-part	
Physical Form	Gray/silver liquid with a solvent odor	
Polyisobutylene wt. % Max	20	
Working Life hr.	2.5	
Xylene wt. %	10-20	

## Contact Songhan Plastic Technology Co.,Ltd.

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