

Parker Chomerics CHO-BOND 1035 Electrically Conductive Sealant

Category : Polymer , Adhesive , Thermoset , Silicone

Material Notes:

Electrically conductive, one component RTV silicone which provides both environmental sealing and EMI/RFI shielding. This sealant, filled with silver-plated glass particles, contains no acetic acid, and cures in the presence of moisture. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-BOND-1035-Electrically-Conductive-Sealant.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.80 - 2.00 g/cc	1.80 - 2.00 g/cc	
Volatile Organic Compounds (VOC) Content	151 g/l	151 g/l	
Thickness	178 microns	7.00 mil	Recommended

Mechanical Properties	Metric	English	Comments
Shear Strength	>= 0.689 MPa	>= 100 psi	Lap

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	200 °C	392 °F	
Minimum Service Temperature, Air	-55.0 °C	-67.0 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 0.050 ohm-cm	<= 0.050 ohm-cm	DC

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

Descriptive Properties	Value	Comments
Binder	Silicone	
Consistency	Thin paste	
Coverage	21.3 cm ² / g	
Filler	Ag/glass	

<small>Mix Ratio</small> Descriptive Properties	<small>1-part</small> Value	Comments
Working Life	0.5 hrs	

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