

Parker Chomerics CHO-BOND 1030 Conductive Silicone Gasket Adhesive

Category : Polymer , Adhesive , Thermoset , Silicone

Material Notes:

Electrically conductive one-component silicone-based RTV adhesive which greatly simplifies the problem of bonding conductive silicone EMI gaskets to metal substrates. This adhesive cures on exposure to moisture in air, contains no acetic acid or other corrosive curing agents, and is workable for up to 30 minutes after exposure to moist air. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-BOND-1030-Conductive-Silicone-Gasket-Adhesive.php

Physical Properties	Metric	English	Comments
Specific Gravity	3.50 - 4.00 g/cc	3.50 - 4.00 g/cc	
Volatile Organic Compounds (VOC) Content	151 g/l	151 g/l	
Thickness	30.0 microns	1.18 mil	Recommended

Mechanical Properties	Metric	English	Comments
Shear Strength	>= 1.38 MPa	>= 200 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	Gritty paste	
Coverage	18.5 cm ² / g	

Filler Descriptive Properties	Ap/Cu Value	Comments
Mix Ratio	1-part	
Working Life	0.5 hrs	

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