

Parker Chomerics CHO-BOND 1075 Silicone RTV Adhesive/Sealant

Category : Polymer , Adhesive , Thermoset , Silicone

Material Notes:

Electrically conductive, one component silicone adhesive/sealant that may be used for bonding EMI gaskets or for providing EMI and environmental protection as a caulk. This material cures on exposure to atmospheric moisture, and contains no acetic acid or other corrosive agents. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-BOND-1075-Silicone-RTV-AdhesiveSealant.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.75 - 2.25 g/cc	1.75 - 2.25 g/cc	
Volatile Organic Compounds (VOC) Content	0.00 g/l	0.00 g/l	
Thickness	>= 254 microns	>= 10.0 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	0.010 ohm-cm	0.010 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	Medium paste	
Coverage	17 cm ² / g	

Filler Descriptive Properties	Ag/Al Value	Comments
Mix Ratio	1-part	
Working Life	0.25 hrs	

Contact Songhan Plastic Technology Co.,Ltd.

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