

Parker Chomerics Tecknit TeckBond™ -A Silver-Plated Aluminum-Filled Adhesive

Category : Polymer , Adhesive

Material Notes:

Description: TECKBOND-A conductive system is a silicone based, two-component RTV, filled with silver-plated aluminum particles. After cure, the resultant bond or seal is flexible, resilient, and conductive. Application Information: TECKBOND-A conductive adhesive is recommended wherever a flexible bond is required in a metal to silicone gasket application, such as TECKNIT® CONSIL®-A information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-Tecknit-TeckBond-A-Silver-Plated-Aluminum-Filled-Adhesive.php

Mechanical Properties	Metric	English	Comments
Shear Strength	>= 0.689 MPa	>= 99.9 psi	Cured; ASTM D1002
Peel Strength	>= 0.351 kN/m	>= 2.00 pli	Silicone Aluminum; Cured; ASTM D1876

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	302 °C	576 °F	Cured
Minimum Service Temperature, Air	-55.0 °C	-67.0 °F	Cured
Shrinkage	<= 40 %	<= 40 %	Cured

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 0.010 ohm-cm	<= 0.010 ohm-cm	Cured; QAP-1017

Processing Properties	Metric	English	Comments
Cure Time	1440 min @Temperature 25.0 °C	24.0 hour @Temperature 77.0 °F	followed by 24 hr @ 100°C
Shelf Life	9.00 Month	9.00 Month	Unopened Container

Descriptive Properties	Value	Comments
Color	Beige	
Consistency	Thick Paste	
Filler	Ag/Al	
Final Condition	Flexible	

Mix Ratio Descriptive Properties	49:1 Value	Comments
Number of Components	Two	
Resin	Silicone	
Volume	14 in ³	
Weight	16 oz	

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