

Parker Chomerics Tecknit CON/RTV-Ni 2 Part Nickel Filled RTV

Category : Polymer , Adhesive

Material Notes:

Description: TECKNIT electrically conductive, medium viscosity adhesive- sealant system. It is formulated with a special conductive material producing its own unique advantages. After full cure, the resultant bond or seal of the material is flexible, resilient and conductive.

Application Information: TECKNIT Conductive Adhesive-Sealants are recommended wherever an electrically conductive flexible bond and seal is required. The main consideration for selecting the correct adhesive should be based on the galvanic coupling of metallic (or conductive) materials. Excellent practices and recommendations can be obtained by reviewing MIL-STD- 1250. The Adhesive-Sealants are also used to join and install a variety of conductive elastomers and porous or open wire mesh gaskets. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-Tecknit-CONRTV-Ni-2-Part-Nickel-Filled-RTV.php

Mechanical Properties	Metric	English	Comments
Shear Strength	>= 0.345 MPa	>= 50.0 psi	Cured; ASTM D1002
Peel Strength	>= 0.526 kN/m	>= 3.00 pli	Silicone Aluminum; Cured; ASTM D1876

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	150 °C	302 °F	Cured
Minimum Service Temperature, Air	-55.0 °C	-67.0 °F	Cured
Shrinkage	<= 44 %	<= 44 %	Cured

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 0.10 ohm-cm	<= 0.10 ohm-cm	Cured; QAP-1017

Processing Properties	Metric	English	Comments
Cure Time	10100 min	168 hour	
	1440 min @Temperature 25.0 °C	24.0 hour @Temperature 77.0 °F	followed by 24 hr @ 100°C
Pot Life	4.0 min	4.0 min	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Shelf Life	9.00 Month	9.00 Month	Unopened Container

Descriptive Properties	Value	Comments
Color	Dark Gray	

Descriptive Properties	Value	Comments
Filler	Ni	
Final Condition	Flexible	
Mix Ratio	49:1	
Number of Components	Two	
Resin	Silicone	
Volume	7.0 in ³	
Weight	16 oz	

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