

Parker Chomerics Tecknit® 72-00008 Silver-Filled Epoxy System

Category : Polymer , Thermoset , Epoxy , Epoxy Cure Resin

Material Notes:

Description: This commercial grade, conductive epoxy is designed for use in bonding applications where good conductivity is required.

When mixed in a ratio of 1:1.4 by volume or weight, the two components produce a light colored creamy paste which can be easily applied. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-Tecknit-72-00008-Silver-Filled-Epoxy-System.php

Mechanical Properties	Metric	English	Comments
Shear Strength	>= 6.89 MPa	>= 999 psi	Cured; ASTM D1002

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	149 °C	300 °F	Cured
Minimum Service Temperature, Air	-62.0 °C	-79.6 °F	Cured
Shrinkage	<= 1.0 %	<= 1.0 %	Cured

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 0.020 ohm-cm	<= 0.020 ohm-cm	Cured; QAP-1017

Processing Properties	Metric	English	Comments
Cure Time	30.0 min	0.500 hour	Recommended Cure
	@Temperature 100 °C	@Temperature 212 °F	
Pot Life	45 min	45 min	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Shelf Life	15.0 Month	15.0 Month	Unopened Container

Descriptive Properties	Value	Comments
Color	Silver Gray	
Consistency	Thick Paste	
Filler	Ag/Glass	
Final Condition	Rigid	
Mix Ratio	1:1.4	

Number of Components Descriptive Properties		Two Value	Comments
Resin		Epoxy	
Volume		14.7 in ³	
Weight		16 oz	

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