

Trelleborg Emerson & Cuming Eccobond® 57C Two-Component Silver Filled Electrically Conductive Epoxy Adhesive

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy Adhesive , Epoxy, Electrically Conductive

Material Notes:

Emerson & Cuming 57C Eccobond® Two-Component Silver Filled Electrically Conductive Epoxy Adhesive Silver filled, electrically conductive, room temperature curing, epoxy adhesive. Good thermal conductivity. Convenient 1:1 mix ratio by weight or volume. Adheres to a wide variety of substrates. Recommended for use in applications where hot soldering is impractical. Mix ratio of 100:100. Cure Type:

Room Temperature Bonding Type: Epoxy

Order this product through the following link:

http://www.lookpolymers.com/polymer_Trelleborg-Emerson-Cuming-Eccobond-57C-Two-Component-Silver-Filled-Electrically-Conductive-Epoxy-Adhesive.php

Physical Properties	Metric	English	Comments
Density	3.50 g/cc	0.126 lb/in ³	

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	4.83 MPa	700 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	90.0 °C	194 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	0.00060 ohm-cm	0.00060 ohm-cm	

Processing Properties	Metric	English	Comments
Cure Time	45.0 min	0.750 hour	
	@Temperature 100 °C	@Temperature 212 °F	
	180 min	3.00 hour	
	@Temperature 65.0 °C	@Temperature 149 °F	
	960 min	16.0 hour	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Descriptive Properties	Value	Comments
Color	Silver	

Viscosity Descriptive Properties	Thixotropic Paste (Mixed, 25°C) Value	Comments
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