

Trelleborg Emerson & Cuming Eccobond® 56C Two-Component Silver Filled Electrically Conductive Epoxy Adhesive

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

Material Notes:

Emerson & Cuming 56C Eccobond® Two-Component Silver Filled Electrically Conductive Epoxy Adhesive Silver filled, high electrical conductivity, epoxy adhesive. Excellent thermal conductivity. Requires heat cure to obtain optimal properties. Recommended for applications where hot soldering is impractical. Listed on many government specifications. Mix ratio of 100:2.5. Cure Type: Heat Bonding
Type: Epoxy

Order this product through the following link:

http://www.lookpolymers.com/polymer_Trelleborg-Emerson-Cuming-Eccobond-56C-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	5.52 MPa	800 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	130 °C	266 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	0.00020 ohm-cm	0.00020 ohm-cm	

Processing Properties	Metric	English	Comments
Cure Time	30.0 min	0.500 hour	
	@Temperature 100 °C	@Temperature 212 °F	
	60.0 min	1.00 hour	
	@Temperature 65.0 °C	@Temperature 149 °F	

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

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