

Trelleborg Emerson & Cuming Eccobond® C429-2 One-Component Silver Filled Electrically Conductive Epoxy Adhesive

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

Material Notes:

Emerson & Cuming C429-2 Eccobond® One-Component Silver Filled Electrically Conductive Epoxy Adhesive One component, high strength, moderate cost, silver filled, electrically conductive, epoxy adhesive. Excellent adhesion and long term durability. Designed for use in miniature lamp bonding. Bonding Type: Epoxy

Order this product through the following link:

http://www.lookpolymers.com/polymer_Trelleborg-Emerson-Cuming-Eccobond-C429-2-One-Component-Silver-Filled-Electrically-Conductive-Epoxy-Adhesive.php

Physical Properties	Metric	English	Comments
Density	4.20 g/cc	0.152 lb/in ³	
Viscosity	2.50e+6 cP @Temperature 25.0 °C	2.50e+6 cP @Temperature 77.0 °F	Mixed

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	13.8 MPa	2000 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	155 °C	311 °F	
Minimum Service Temperature, Air	-55.0 °C	-67.0 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	0.20 ohm-cm	0.20 ohm-cm	

Processing Properties	Metric	English	Comments
Cure Time	5.00 min @Temperature 180 °C	0.0833 hour @Temperature 356 °F	
	30.0 min @Temperature 150 °C	0.500 hour @Temperature 302 °F	
	90.0 min @Temperature 125 °C	1.50 hour @Temperature 257 °F	

Descriptive Properties	Value	Comments
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Color Descriptive Properties	Silver Value	Comments
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