

## Trelleborg Emerson & Cuming Eccobond® 83C Two-Component Silver Filled Electrically Conductive Epoxy Adhesive

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

### Material Notes:

Emerson & Cuming 83C Eccobond® Two-Component Silver Filled Electrically Conductive Epoxy Adhesive Two component, silver filled, electrically conductive, epoxy adhesive. Smooth, creamy consistency. Good thermal conductivity. Requires heat cure to obtain optimal properties. Easier handling version of Eccobond® 56C with similar properties. Mix ratio of 100:3.5. Cure Type: Heat Bonding Type: Epoxy

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Trelleborg-Emerson-Cuming-Eccobond-83C-Two-Component-Silver-Filled-Electrically-Conductive-Epoxy-Adhesive.php](http://www.lookpolymers.com/polymer_Trelleborg-Emerson-Cuming-Eccobond-83C-Two-Component-Silver-Filled-Electrically-Conductive-Epoxy-Adhesive.php)

Physical Properties	Metric	English	Comments
Density	3.00 g/cc	0.108 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	6.89 MPa	1000 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	130 °C	266 °F	
Minimum Service Temperature, Air	-55.0 °C	-67.0 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	0.00040 ohm-cm	0.00040 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)	

Contact Songhan Plastic Technology Co.,Ltd.

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