

Loctite® 3880 Heat Cure Isotropic Epoxy Adhesive

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

Material Notes:

Electrically Conductive Bonders Loctite® Electrically Conductive Adhesives are used in a variety of applications where electrical connectivity is needed, providing a conductive path where traditional methods such as solder, are not practical. Electrically Conductive Adhesives are ideal for attaching temperature sensitive components, or providing electrical interconnections on non-solderable substrates, such as plastic and glass. Loctite offers a complete line of electrically conductive adhesives to meet almost any need including: flexible, heat cure, room temperature cure, screen printable, high adhesion, and rapid cure. Loctite® 3880 Heat Cure Isotropic Epoxy Adhesive A syringe or stencil dispense, heat cure, silver-conductive adhesive for solder replacement. Long work life. Can be stored in conventional refrigerator. Bonding Type: Epoxy

Order this product through the following link:

http://www.lookpolymers.com/polymer_Loctite-3880-Heat-CureIsotropic-Epoxy-Adhesive.php

Physical Properties	Metric	English	Comments
Density	2.40 g/cc	0.0867 lb/in ³	

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	>= 6.89 MPa	>= 1000 psi	Aluminum to Aluminum

Thermal Properties	Metric	English	Comments
CTE, linear	45.0 µm/m-°C	25.0 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Glass Transition Temp, Tg	40.0 °C	104 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 0.00050 ohm-cm	<= 0.00050 ohm-cm	

Processing Properties	Metric	English	Comments
Cure Time	3.00 min	0.0500 hour	10 min. @ 125°C, 6 min. @ 150°C, 3 min. @ 175°C
Pot Life	10080 min	10080 min	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Shelf Life	6.00 Month	6.00 Month	1 component life at 0°C

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