Loctite® 3889 Rapid Cure Isotropic Epoxy Adhesive

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

Material Notes:

Electrically Conductive BondersLoctite® 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® 3889 Rapid Cure Isotropic Epoxy AdhesiveA rapid cure, syringe dispense adhesive for assemblies and require rapid processing speeds. Bonding Type: Epoxy

Order this product through the following link:
http://www.lookpolymers.com/polymer_Loctite-3889-Rapid-CureIsotropic-Epoxy-Adhesive.php

Physical Properties	Metric	English	Comments
Density	3.60 g/cc	0.130 lb/in³	

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

Thermal Properties	Metric	English	Comments
CTE, linear	34.0 µm/m-°C @Temperature 20.0 °C	18.9 µin/in-°F @Temperature 68.0 °F	
Glass Transition Temp, Tg	34.0 °C	93.2 °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	6 min. @ 130°C, 3 min. @ 150°C
Pot Life	1440 min @Temperature 23.0 °C	1440 min @Temperature 73.4 °F	
Shelf Life	6.00 Month @Temperature -40.0 °C	6.00 Month @Temperature -40.0 °F	1 component life

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