

Loctite® 3882 Flexible 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® 3882 Flexible Isotropic Epoxy Adhesive For applications requiring high flexibility. Used in assembly and repair of flexible circuits. Bonding Type: Epoxy

Order this product through the following link:

http://www.lookpolymers.com/polymer_Loctite-3882-FlexibleIsotropic-Epoxy-Adhesive.php

Physical Properties	Metric	English	Comments
Density	2.90 g/cc	0.105 lb/in ³	

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	>= 4.14 MPa	>= 600 psi	Aluminum to Aluminum

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-5.00 °C	23.0 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 0.0010 ohm-cm	<= 0.0010 ohm-cm	

Processing Properties	Metric	English	Comments
Cure Time	1440 min	24.0 hour	23°C
	60.0 min	1.00 hour	
	@Temperature >=110 °C	@Temperature >=230 °F	
Pot Life	120 min	2.00 hour	
	@Temperature 65.0 °C	@Temperature 149 °F	
Pot Life	96.0 min	96.0 min	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

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