

## Loctite® 3887 High Adhesion 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® 3887 High Adhesion Isotropic Epoxy Adhesive Recommended for bonding gold plated devices and other difficult to bond materials. Bonding Type: Epoxy

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Loctite-3887-High-AdhesionIsotropic-Epoxy-Adhesive.php](http://www.lookpolymers.com/polymer_Loctite-3887-High-AdhesionIsotropic-Epoxy-Adhesive.php)

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

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

Thermal Properties	Metric	English	Comments
CTE, linear	>= 100 µm/m-°C	>= 55.6 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Glass Transition Temp, Tg	31.0 °C	87.8 °F	

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

Processing Properties	Metric	English	Comments
Cure Time	30.0 min	0.500 hour	150°C
	60.0 min	1.00 hour	125°C
Pot Life	96.0 min	96.0 min	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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