

Von Roll Isola IMI E-Solder® 3083 Electrically Conductive Adhesive

Category : Polymer , Adhesive , Thermoset , Epoxy

Material Notes:

Data provided by Von Roll Isola USA.E-SOLDER® epoxy based resin systems can be used at room temperature on heat sensitive materials, can bond dissimilar materials, and do not have flux or residue to contaminate sensitive electronic components.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Von-Roll-Isola-IMI-E-Solder-3083-Electrically-Conductive-Adhesive.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	20.0 MPa	2900 psi	butt tensile strength per ASTM D426 on brass
Adhesive Bond Strength	12.0 MPa	1740 psi	Tensile shear per ASTM D1002 on etched Al panel

Thermal Properties	Metric	English	Comments
Thermal Conductivity	5.30 W/m-K	36.8 BTU-in/hr-ft ² -°F	
Maximum Service Temperature, Air	150 °C	302 °F	
	300 - 400 °C	572 - 752 °F	Intermittent

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.000400 ohm-cm	0.000400 ohm-cm	

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