

Von Roll Isola IMI E-Solder® 3021 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-3021-Electrically-Conductive-Adhesive.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	14.0 MPa	2030 psi	butt tensile strength per ASTM D426 on brass
Adhesive Bond Strength	8.20 MPa	1190 psi	Tensile shear per ASTM D1002 on etched Al panel

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	150 °C	302 °F	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.0300 ohm-cm	0.0300 ohm-cm	cured 24 hr at 25°C (77°F). Value is 0.003 Ohm-cm cured 3 hr at 65°C (150°F)

Processing Properties	Metric	English	Comments
Processing Temperature	25.0 °C	77.0 °F	Suggested time at this temperature is 24 hr. May also be cured for shorter time at higher temperatures.

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