

## Von Roll Isola IMI E-Solder® 3012 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-3012-Electrically-Conductive-Adhesive.php](http://www.lookpolymers.com/polymer_Von-Roll-Isola-IMI-E-Solder-3012-Electrically-Conductive-Adhesive.php)

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	35.0 MPa	5080 psi	butt tensile strength per ASTM D426 on brass
Adhesive Bond Strength	14.0 MPa	2030 psi	Tensile shear per ASTM D1002 on etched Al panel

Thermal Properties	Metric	English	Comments
Thermal Conductivity	2.10 W/m-K	14.6 BTU-in/hr-ft <sup>2</sup> -°F	
Maximum Service Temperature, Air	175 °C	347 °F	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.000500 ohm-cm	0.000500 ohm-cm	

Processing Properties	Metric	English	Comments
Processing Temperature	135 °C	275 °F	Suggested baking time at this temperature is 6-18 hr. May also be cured for shorter time at higher temperatures.

## Contact Songhan Plastic Technology Co.,Ltd.

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