

5139**One-Part Epoxy Adhesive**

Thixotropic, Excellent Adhesion and Insulation

UNCURED PROPERTIES	
Product	5139
Appearance	Viscous Liquid
Color	Red
Viscosity, cP @25°C	36,000 – 54,000
Thixotropic Index	5.6
CURING PROPERTIES	
Pot Life, @25°C, days	5 - 7
Cure Time, @100°C, min	10
CURED MECHANICAL PROPERTIES	
Glass Transition Temperature, °C	89
CTE, (<T_g) μm/m/°C	53
CTE, (>T_g) μm/m/°C	184
Hardness, Shore D	85
Water Absorption Ratio, 24hr, %	0.89
Degradation Temperature, °C	402
Thermal Conductivity, W/mK	0.3
Thermal Resistance, m²K/W	0.01
Volume Resistivity, ohm-cm	4.5 x 10 ¹⁵
Surface Resistivity, ohm	4.5 x 10 ¹⁴
Dielectric Constant, 1KHz	3.2

General Information

For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

Storage and Shelf Life

This product has an eight months minimum shelf life after date of manufacture, unless otherwise specified, when stored below 0°F (-18°C) in original, unopened containers.

Certification / Recognition

RoHs Complaint: INCURE 5139 complies with the European Union's "Restriction of Hazardous Substances" (RoHs) initiative 2002/95/EC.

Note

The data contained in this technical data sheet are furnished for information only. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein. INCURE will not be liable for any indirect, special, incidental or consequential loss or damage arising from this INCURE product, regardless of the legal theory asserted. INCURE recommends that each user adequately test its proposed use and application before repetitive use, using this data as a guide.