

**5115
Epoxy Adhesive**

Fast Cure at Low Temperature, Good Adhesion Strength, Grease Resistance

UNCURED PROPERTIES	
Product	5115
Appearance	Viscous Liquid
Color	Black
Viscosity, cP @25°C	30,000 - 50,000
Thixotropic Index	3 - 4
CURING PROPERTIES	
Pot Life, @25°C, days	7
Cure Time, @70°C, min	30
CURED MECHANICAL PROPERTIES	
Glass Transition Temperature, °C	30
CTE, (0-25°C) µm/m/°C	47
CTE, (75-100°C) µm/m/°C	225
Hardness, Shore D	78
Water Absorption Ratio, 24hr, %	0.43
Degradation Temp, (TGA, 10°C/min) °C	326
Thermal Conductivity, W/mK	0.3
Thermal Resistance, m ² K/W	0.01
Volume Resistivity, ohm-cm	5 x 10 ¹⁵
Surface Resistivity, ohm	5 x 10 ¹⁴
Dielectric Constant, 1KHz	4.1

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 store below -20°C in original, unopened containers.

Certification / Recognition

RoHs Complaint: INCURE 5115 complies with the European Union's "Restriction of Hazardous Substances" (RoHs) initiative 2002/95/EC.

Note

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