

6416
Epoxy Adhesive

High Toughness and Insulation, Thermal Shock Resistance

UNCURED PROPERTIES		
Product	6416-A	6416-B
Appearance	Viscous Liquid	
Color	Light Yellow	Black
Viscosity, cP @25°C	110,000-111,000	37,100-38,000
Thixotropic Index	2	1
Specific Gravity	1.30	1.10
CURING PROPERTIES		
Mix Ratio, (A:B) by Weight	1 : 1	
Surface Dry Time, @25°C, hr	3	
Gel Time, @25°C, hr	1	
Cure Time, @25°C, days	7	
CURED MECHANICAL PROPERTIES		
Glass Transition Temperature, °C	27	
CTE, (>Tg) µm/m/°C	240	
Hardness, Shore D	78	
Water Absorption Ratio, 24hr, %	0.90	
Thermal Resistance, m²K/W	0.01	
Thermal Conductivity, W/mk	0.3	
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

Store product in a cool, dark place when not in use. This product has a one year minimum shelf life after date of manufacture, unless otherwise specified, when stored at 60-80 °F (16-27 °C) in original, unopened containers.

Certification / Recognition

RoHs Complaint: INCURE 6416 complies with the European Union's "Restriction of Hazardous Substances" (RoHs) initiative 2002/95/EC.

Note

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