

### 6415 Epoxy Adhesive

Excellent Thermal Shock Resistance, For Bonding and Potting Applications

<b>UNCURED PROPERTIES</b>		
<b>Product</b>	6415-A	6415-B
<b>Appearance</b>	Liquid	
<b>Color</b>	Black	Yellow
<b>Viscosity, cP @25°C</b>	3,000 - 7,000	4,000 - 8,000
<b>Specific Gravity</b>	1.16	1.00
<b>CURING PROPERTIES</b>		
<b>Mix Rate, (A:B) By Volume</b>	1 : 1	
<b>Pot Life, 25°C min</b>	30	
<b>Gel Time, 25°C min</b>	40 - 50	
<b>Surface Dry Time, 25°C, hr</b>	3	
<b>Cure Time, @25°C, days</b>	2	
<b>Cure Time, @80°C, min</b>	60	
<b>CURED MECHANICAL PROPERTIES</b>		
<b>Glass Transition Temperature, °C</b>	88	
<b>CTE, (40-70°C) µm/m/ °C</b>	62	
<b>CTE, (110-170°C) µm/m/ °C<sub>64</sub></b>	210	
<b>Hardness, Shore D</b>	70	
<b>Water Absorption, 24hr, %</b>	0.32	
<b>Degradation Temp, (TGA, 10°C/min) °C</b>	172	
<b>Volume Resistivity, ohm-cm</b>	4.5 x 10 <sup>15</sup>	
<b>Surface Resistivity, ohm</b>	4.5 x 10 <sup>14</sup>	
<b>Dielectric Constant, 1KHz</b>	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 6415 complies with the European Union's "Restriction of Hazardous Substances" (RoHs) initiative 2002/95/EC.

#### Note

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