

**6420****Epoxy Adhesive**

High Adhesion Strength, Good Electrical Insulation Properties

<b>UNCURED PROPERTIES</b>		
<b>Product</b>	6420-A	6420-B
<b>Appearance</b>	Viscous Liquid	
<b>Color</b>	Grey to White	
<b>Viscosity, cP @25°C</b>	120,000 – 240,000	17,000 – 27,000
<b>Thixotropic Index</b>	3.2	1
<b>Specific Gravity</b>	1.52	1.27
<b>CURING PROPERTIES</b>		
<b>Mix Rate, (A:B) By Weight</b>	2 : 1	
<b>Pot Life, 25°C min</b>	10	
<b>Gel Time, 25°C, min</b>	20	
<b>Surface Dry Time, 25°C, hr</b>	1.5	
<b>Cure Time, @25°C, days</b>	5 - 7	
<b>CURED MECHANICAL PROPERTIES</b>		
<b>Glass Transition Temperature, °C</b>	54	
<b>CTE, (30-50°C) <math>\mu\text{m}/\text{m}/^\circ\text{C}</math></b>	33	
<b>CTE, (50-100°C) <math>\mu\text{m}/\text{m}/^\circ\text{C}</math></b>	160	
<b>Hardness, Shore D</b>	87	
<b>Water Absorption, 24hr, %</b>	1.14	
<b>Degradation Temp, °C</b>	353	
<b>Thermal Conductivity, W/mK</b>	0.3	
<b>Thermal Resistance, <math>\text{m}^2\text{K}/\text{W}</math></b>	0.01	
<b>Volume Resistivity, ohm-cm</b>	$4.5 \times 10^{15}$	
<b>Surface Resistivity, ohm</b>	$4.5 \times 10^{14}$	
<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 6420 complies with the European Union's "Restriction of Hazardous Substances" (RoHs) initiative 2011/65/EU.

**Note**

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