

## 6430 Epoxy Adhesive

Flexible, Thermal Shock Resistant, Constant Elongation at High Temperature

<b>UNCURED PROPERTIES</b>		
<b>Product</b>	6430-A	6430-B
<b>Appearance</b>	Viscous Liquid	
<b>Color</b>	Beige	Grey
<b>Viscosity, cP @25°C</b>	150,000 – 240,000	300,000 – 500,000
<b>Specific Gravity</b>	1.40	1.05
<b>CURING PROPERTIES</b>		
<b>Mix Rate, (A:B) By Weight</b>	100 : 85	
<b>Pot Life, 25°C min</b>	30	
<b>Surface Dry Time, 25°C, hr</b>	2	
<b>Cure Time, @25°C, days</b>	5 to 7	
<b>Cure Time, @80°C, hr</b>	1	
<b>CURED MECHANICAL PROPERTIES*<sup>1</sup></b>		
<b>Glass Transition Temperature, °C</b>	30	
<b>Coefficient of Thermal Expansion, (50-100°C) µm/m/°C</b>	225	
<b>Hardness, Shore D</b>	75	
<b>Water Absorption, @80°C/1hr, %</b>	3.7	
<b>Degradation Temp, (TGA, 10°C/min) °C</b>	277	
<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	
* <sup>1</sup> Cure Condition: 80°C / 1 hr.		

### 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 6430 complies with the European Union's "Restriction of Hazardous Substances" (RoHs) initiative 2002/95/EC.

### Note

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