

## 6446

## Epoxy Adhesive

Fast Setting, Excellent Adhesion Strength, High Chemical Resistance

UNCURED PROPERTIES		
Product	6446-A	6446-B
Appearance	Liquid	
Color	Colorless	Light Yellow
Viscosity, cP @25°C	16,000 - 24,000	12,000 - 17,000
Specific Gravity	1.16	1.11
CURING PROPERTIES		
Mix Rate, (A:B) By Weight	1 : 1	
Pot Life, 25°C min	3	
Surface Dry Time, 25°C, min	15	
Cure Time, @25°C, days	3	
CURED MECHANICAL PROPERTIES		
Glass Transition Temperature, °C	52	
CTE, (100-180°C) $\mu\text{m}/\text{m}/^\circ\text{C}$	218	
Hardness, Shore D	85	
Water Absorption, 24hr, %	2.6	
Degradation Temp, (TGA, 10°C/min) °C	332	
Volume Resistivity, ohm-cm	$5 \times 10^{15}$	
Surface Resistivity, ohm	$5 \times 10^{14}$	
Dielectric Constant, 100Hz	4.1	

**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 6446 complies with the European Union's "Restriction of Hazardous Substances" (RoHs) initiative 2002/95/EC.

**Note**

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