

6430 Epoxy Adhesive

Flexible, Thermal Shock Resistant, Constant Elongation at High Temperature

UNCURED PROPERTIES		
Product	6430-A	6430-B
Appearance	Viscous Liquid	
Color	Beige	Grey
Viscosity, cP @25°C	150,000 – 240,000	300,000 – 500,000
Specific Gravity	1.40	1.05
CURING PROPERTIES		
Mix Rate, (A:B) By Weight	100 : 85	
Pot Life, 25°C min	30	
Surface Dry Time, 25°C, hr	2	
Cure Time, @25°C, days	5 to 7	
Cure Time, @80°C, hr	1	
CURED MECHANICAL PROPERTIES*¹		
Glass Transition Temperature, °C	30	
Coefficient of Thermal Expansion, (50-100°C) µm/m/°C	225	
Hardness, Shore D	75	
Water Absorption, @80°C/1hr, %	3.7	
Degradation Temp, (TGA, 10°C/min) °C	277	
Volume Resistivity, ohm-cm	4.5×10^{15}	
Surface Resistivity, ohm	4.5×10^{14}	
Dielectric Constant, 1KHz	3.2	
* ¹ 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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