

**6408
Epoxy Adhesive**

UNCURED PROPERTIES		
Product	6408-A	6408-B
Appearance	Liquid	
Color	Black	Yellow
Viscosity, cP	29,000 - 34,000	14,000 - 24,000
Thixotropic Index	>2.5	>1.4
Specific Gravity	1.16	1.01
CURING PROPERTIES		
Mix Ratio, (A:B) by volume	2:1	
Pot Life, @25 °C, min	30	
Surface Dry Time, @25 °C, hr	4	
Cure Time, @25 °C, days	7	
CURED MECHANICAL PROPERTIES		
Glass Transition Temperature, DSC, °C	48 - 52	
Coefficient of Thermal Expansion, (30-40 °C) $\mu\text{m}/\text{m}/^\circ\text{C}$	20	
Coefficient of Thermal Expansion, (60-100 °C) $\mu\text{m}/\text{m}/^\circ\text{C}$	261	
Durometer Hardness, Shore D	82	
Water Absorption Ratio, %	0.07	
Shear Strength, Al/Al, kgf/cm^2	307	
Degradation Temperature, (TGA 10 °C/min) °C	323	
Thermal Conductivity, W/mK	0.3	
Thermal Resistance, $\text{m}^2\text{K}/\text{W}$	0.01	
Volume Resistivity, ohm-cm	5×10^{15}	
Surface Resistivity, ohm	5×10^{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. Do not expose to light. This product has a one year minimum shelf life after date of manufacture, unless otherwise specified, when stored below 25 °C in original, unopened containers.

Note

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