

UHB-100
Ultra High Bond Epoxy
Milky Clear, Low Viscosity, Exceptional Bond Strength

HANDLING & CURING	
Mix Ratio by Weight, resin : hardener	100:10
Specific Gravity, gms/cc @25 °C	1.10
Mixed Viscosity, cP @25 °C	5,000
Pot Life, 100 gm mass @25 °C, hrs	.75
Recommended Cure, hr/ °F	2/150
Alternate Cure, hr/ °F	48/RT
CURED PROPERTIES	
Temperature Resistance, °F	-67/350
Temperature Resistance, °C	-55/175
CTE, in/in/°F x 10 ⁻⁶ (°C)	37 (66)
Tensile Shear Strength, psi* ¹	4,560
Flexural Strength, psi	13,500
Volume Resistivity, ohms-cm	1.0 x 10 ¹⁵
Dielectric Strength, volts-mil	380
Dielectric Constant, 1.0 kHz	3.5
Dissipation Factor	.008
Chemical Resistance	Very Good
Hardness, Shore D	85
Color	Milky Clear
Cure Shrinkage, in/in* ²	.003
<small>*¹ Tested according to ASTM D1002-94. This is a method for determining the shear strength of a single lap-joint metal coupons in tension loading. *² Linear shrinkage is measured using a 3/4 lb casting mass.</small>	

General Information

For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

Shelf Life

This product has a six months minimum shelf life after date of manufacture, unless otherwise specified, in original, unopened containers.

Note

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