

**UHB-200****Ultra High Bond Epoxy**

Ceramic-Filled, 1:1 two-part, High Lap Shear and Peel Strength, Autoclavable

<b>HANDLING &amp; CURING</b>	
Mix Ratio by Weight, resin : hardener	1:1
Specific Gravity, gms/cc @25 °C	1.35
Mixed Viscosity, cP @25 °C	45,000
Pot Life, 100 gm mass @25 °C, hrs	.75
Recommended Cure, hr/ °F	2/150
Alternate Cure, hr/ °F	48/RT
<b>CURED PROPERTIES</b>	
Temperature Resistance, °F	-67/325
Temperature Resistance, °C	-55/165
CTE, in/in/°F x 10 <sup>-6</sup> (°C)	43 (77)
Tensile Shear Strength, psi* <sup>1</sup>	4,770
Flexural Strength, psi	12,000
Volume Resistivity, ohms-cm	3.0 x 10 <sup>13</sup>
Dielectric Strength, volts-mil	410
Dielectric Constant, 1.0 kHz	4.28
Dissipation Factor	.4
Chemical Resistance	Good
Hardness, Shore D	78
Color	Black
Cure Shrinkage, in/in* <sup>2</sup>	.001
<small>*<sup>1</sup> 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. *<sup>2</sup> 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**

The data contained in this technical data sheet are furnished for information only. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein. INCURE will not be liable for any indirect, special, incidental or consequential loss or damage arising from this INCURE product, regardless of the legal theory asserted. INCURE recommends that each user adequately test its proposed use and application before repetitive use, using this data as a guide.