

UHTE-5320**Ultra High Temperature Epoxy**

Clear-Amber, 1:1 Two-part System for Tough Bonding Applications

HANDLING & CURING	
Mix Ratio by Weight, resin : hardener	1:1
Specific Gravity, gms/cc @25 °C	1.23
Mixed Viscosity, cP @25 °C	8,500
Pot Life, 100 gm mass @25 °C, hrs	2.5
Recommended Cure, hr/°F	2/200 +2/325
Alternate Cure, hr/ °F	3-4/300
CURED PROPERTIES	
Temperature Resistance, °F	-76/572
Temperature Resistance, °C	-60/300
CTE, in/in/°F x 10 ⁻⁶ (°C)	18 (33)
Tensile Shear Strength, psi* ¹	2,800
Flexural Strength, psi	18,000
Volume Resistivity, ohms-cm	4.0 x 10 ¹⁴
Dielectric Strength, volts-mil	450
Dielectric Constant, 1.0 kHz	3.01
Dissipation Factor	.01
Chemical Resistance	Good
Hardness, Shore D	89
Color	Amber
Cure Shrinkage, in/in* ²	.01
<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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