

HTE-5351**High Temperature Epoxy**

Clear-Amber, 1:1, Good Bond Strength and Corrosion Resistance

HANDLING & CURING	
Mix Ratio by Weight, resin : hardener	1:1
Specific Gravity, gms/cc @25 °C	1.12
Mixed Viscosity, cP @25 °C	25,000
Pot Life, 100 gm mass @25 °C, hrs	4.0
Recommended Cure, hr/ °F	2/200
Alternate Cure, hr/ °F	24-48/RT
CURED PROPERTIES	
Temperature Resistance, °F	-85/400
Temperature Resistance, °C	-65/204
CTE, in/in/°F x 10 ⁻⁶ (°C)	27 (49)
Tensile Shear Strength, psi* ¹	3,000
Flexural Strength, psi	10,200
Volume Resistivity, ohms-cm	1.2 x 10 ¹⁴
Dielectric Strength, volts-mils	440
Dielectric Constant, 1.0 kHz	3.12
Dissipation Factor	.01
Chemical Resistance	Good
Hardness, Shore D	75
Color	Amber
Cure Shrinkage, in/in* ²	.002
<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 ¼ 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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