

HTE-5353**High Temperature Epoxy**

10 Minute Set, Non-Sagging, 1:1, Excellent Electrical & Mechanical Properties

HANDLING & CURING	
Mix Ratio by Weight, resin : hardener	1:1
Specific Gravity, gms/cc @25 °C	1.39
Mixed Viscosity, cP @25 °C	75,000
Pot Life, 100 gm mass @25 °C, hrs	.07
Recommended Cure, hr/ °F	1/RT
Alternate Cure, hr/ °F	-
CURED PROPERTIES	
Temperature Resistance, °F	-67/+266
Temperature Resistance, °C	-55/+130
CTE, in/in/°F x 10 ⁻⁶ (°C)	32.8 (59.0)
Tensile Shear Strength, psi* ¹	1,135
Volume Resistivity, ohms-cm	2.0 x 10 ¹⁴
Dielectric Strength, volts-mils	380
Dielectric Constant, 1.0 kHz	4.4
Dissipation Factor	.03
Chemical Resistance	Excellent
Hardness, Shore D	75
Color	Grey
Cure Shrinkage, in/in* ²	.009
<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 ¾ 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.