

HTE-5357**High Temperature Epoxy**

High Temperature, Low Viscosity, Room Temperature Curing Potting Compound

HANDLING & CURING	
Mix Ratio by Weight, resin : hardener	100:12
Specific Gravity, gms/cc @25 °C	1.58
Mixed Viscosity, cP @25 °C	16,000
Pot Life, 100 gm mass @25 °C, hrs	2
Recommended Cure, hr/°F	4/RT 2/200
Alternate Cure, hr/ °F	24-48/RT
CURED PROPERTIES	
Temperature Resistance, °F	-67/+248
Temperature Resistance, °C	-55/+120
CTE, in/in/°F x 10 ⁻⁶ (°C)	39.0 (70.2)
Thermal Conductivity, Btu-in/hr-ft ² -°F	4.4
Tensile Shear Strength, psi* ¹	1,135
Flexural Strength, psi	14,100
Volume Resistivity, ohms-cm	3.0 x 10 ¹⁵
Dielectric Strength, volts-mils	460
Dielectric Constant, 1.0 kHz	4.8
Dissipation Factor	.014
Chemical Resistance	Excellent
Hardness, Shore D	89
Color	Black
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 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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