

HTE-5355

High Temperature Epoxy

Ceramic-Filled, Fast-Setting, High Vibration Resistance and Bond Strength

HANDLING & CURING	
Mix Ratio by Weight, resin : hardener	100:13
Specific Gravity, gms/cc @25 °C	1.50
Mixed Viscosity, cP @25 °C	Paste
Pot Life, 100 gm mass @25 °C, hrs	.25
Recommended Cure, hr/ °F	24/RT
Alternate Cure, hr/ °F	1/RT +4/175
CURED PROPERTIES	
Temperature Resistance, °F	-67/400
Temperature Resistance, °C	-55/204
CTE, in/in/°F x 10 ⁻⁶ (°C)	18 (32)
Tensile Shear Strength, psi* ¹	2,350
Flexural Strength, psi	11,800
Volume Resistivity, ohms-cm	1.0 x 10 ¹⁵
Dielectric Strength, volts-mils	460
Dielectric Constant, 1.0 kHz	4.2
Dissipation Factor	.03
Chemical Resistance	Good
Hardness, Shore D	84
Color	Light Grey
Cure Shrinkage, in/in* ²	.004
* 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.	

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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