

TC-9051
Thermally Conductive Epoxy
Aluminum Nitride Filled, Two-Part

HANDLING & CURING	
Filler	Aluminum Nitride
Mix Ratio by Weight, resin : hardener	1:1
Mixed Specific Gravity, gms/cc @25 °C	1.9
Mixed Viscosity, cP @25 °C	35,000
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, °C	-65/+204
CTE, in/in/°F x 10⁻⁶(°C)	18.7 (33.3)
Thermal Conductivity, Btu-in/hr-ft²-°F	8.5
Tensile Shear Strength, psi	1,370
Volume Resistivity, ohms-cm	1.0 x 10 ¹⁵
Dielectric Strength, volts-mil	250
Chemical Resistance	Excellent
Color	Grey

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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