

Grade: ARMC-568

Manufacturer: Aremco Products, Inc.
Description: Thermally conductive, aluminum-filled, 1:1 epoxy paste. Excellent mechanical strength to 400°F. All properties starting from Temperature Resistance and down to the end of the list are for cured material.

PROPERTY	US VALUE	METRIC VALUE
Mix Ratio by Weight	1:1 resin:hardener	
Specific Gravity	.85 gms/cc	
Mixed Viscosity	Paste @ 25°C, cps	
Pot Life	4.0 100gm @ 25°C, hours	
Recommended Cure	2/200 hours/°F	2/93 hours/°C
Alternate Cure	24-48/RT hours/°F	24-48/RT hours/°C
Temperature Resistance	400 °F	204 °C
CTE	33.0 in/in °F x 10 ⁻⁶	60.0 Microns/m °C
Thermal Conductivity	0.75 BTU/(h.ft ² °F/ft)	1.30 W/(m ² . K/m)
Tensile Strength	2500 psi	17.2 MPa
Flexural Strength	11400 psi	78.6 MPa
Volume Resistivity	1.0 x 10⁵ ohm-cm @ RT	
Dielectric Strength	80 volts/mil	ac-kv/mm
Chemical Resistance	Excellent	
Color	Grey	