

Grade: ARMC-598C

Manufacturer: Aremco Products, Inc.
Description: Electrically and thermally conductive, nickel-filled, one-part system. Low viscosity, inorganic coating for applications to 1000°F.

PROPERTY	US VALUE	METRIC VALUE
Filler	Nickel	
Specific Gravity	2.87 gms/cc	
Mixed Viscosity	22,000 @ 25°C, cps	
Recommended Cure	2/RT + 2/200 hours/°F	2/RT + 2/93 hours/°C
Temperature Resistance	1000 °F	538 °C
CTE	6.5 in/in °F x 10 ⁻⁶	11.7 Microns/m °C
Thermal Conductivity	1.49 BTU/(h.ft ² °F/ft)	2.58 W/(m ² . K/m)
Volume Resistivity	0.005 ohm-cm @ RT	
Chemical Resistance	Excellent	
Color	Dark Grey	