

## Grade: ARMC-598A

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

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