

## Grade: ARMC-865

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**Manufacturer:** Aremco Products, Inc.  
**Description:** Aluminum nitride based high temperature adhesive with ceramic-to-ceramic and ceramic-to-metal bonding capabilities.

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PROPERTY	US VALUE	METRIC VALUE
<b>Major Constituent</b>	<b>Aluminum Nitride</b>	
<b>Maximum Temperature</b>	<b>3000</b> °F	<b>1649</b> °C
<b>CTE</b>	<b>1.5</b> in/in °F x 10 <sup>-6</sup>	<b>2.7</b> Microns/m °C
<b>Volume Resistivity</b>	<b>10<sup>15</sup></b> ohm-cm @ RT	
<b>Dielectric Strength</b>	<b>500</b> volts/mil	ac-kv/mm
<b>Torque Strength</b>	<b>8.3</b> ft-lbs	
<b>Moisture Resistance</b>	<b>Excellent</b>	
<b>Alkali Resistance</b>	<b>Good</b>	
<b>Acid Resistance</b>	<b>Good</b>	
<b>No. Components</b>	<b>1</b>	
<b>Viscosity</b>	<b>72,000</b> cps	
<b>Specific Gravity</b>	<b>2.01</b> gms/cc	
<b>Air Set</b>	<b>1-4</b> hours	
<b>Heat Cure</b>	<b>200, 2</b> °F, hours	<b>93, 2</b> °C, hours
<b>Color</b>	<b>Grey</b>	
<b>Storage Temperature MIN</b>	<b>40</b> °F	<b>4</b> °C
<b>Storage Temperature MAX</b>	<b>90</b> °F	<b>32</b> °C