

Grade: ARMC-503**Manufacturer:**

Aremco Products, Inc.

Description:Alumina based high temperature adhesive. Moisture, alkali and acid resistance properties are after fi
700°F. Torque strength and viscosity tests were performed after curing for 5 hours @ 200°F.

| PROPERTY | US VALUE | | METRIC VALUE | |
|--------------------------------|---|-----------------------------|--|--------------|
| Major Constituent | Alumina | | | |
| Maximum Temperature | 3000 | °F | 1649 | °C |
| CTE | 4.0 | in/in °F x 10 ⁻⁶ | 7.2 | Microns/m °C |
| Volume Resistivity | 10⁹ | ohm-cm @ RT | | |
| Dielectric Strength | 253 | volts/mil | | ac-kv/mm |
| Torque Strength | 5.6 | ft-lbs | | |
| Moisture Resistance | Good | | | |
| Alkali Resistance | Fair | | | |
| Acid Resistance | Excellent | | | |
| No. Components | 1 | | | |
| Viscosity | 43,000 | cps | | |
| Specific Gravity | 2.5 | gms/cc | | |
| Air Set | < 1 | hours | | |
| Heat Cure | 200, 2 500, 2 700, 2 | °F, hours | 93, 2 260, 2 371, 2 | °C, hours |
| Color | White | | | |
| Shelf Life | 6 | months | | |
| Storage Temperature MIN | 40 | °F | 4 | °C |
| Storage Temperature MAX | 90 | °F | 32 | °C |

ring above

