

Grade: ARMC-597C

Manufacturer: Aremco Products, Inc.

Description: Electrically and thermally conductive, silver-filled, one-part system. Inorganic system for coating applications to 1700°F. All properties starting from Temperature Resistance and down to the end of the list are for cured material.

| PROPERTY | US VALUE | | METRIC VALUE | |
|------------------------|--------------|-------------------------------|--------------|--------------------------|
| Filler | Silver | | | |
| Specific Gravity | 2.3 | gms/cc | | |
| Mixed Viscosity | Paste | @ 25°C, cps | | |
| Recommended Cure | 2/RT + 2/200 | hours/°F | 2/RT + 2/93 | hours/°C |
| Temperature Resistance | 1200 | °F | 649 | °C |
| CTE | 9.6 | in/in °F x 10 ⁻⁶ | 17.3 | Microns/m °C |
| Thermal Conductivity | 5.26 | BTU/(h.ft ² °F/ft) | 9.10 | W/(m ² . K/m) |
| Volume Resistivity | 0.0002 | ohm-cm @ RT | | |
| Chemical Resistance | Excellent | | | |
| Color | Silver | | | |