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## Grade: ARMC-637

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**Manufacturer:** Aremco Products, Inc.  
**Description:** Alumina filled, silicone based, thermal grease which offers exceptional thermal and electrical properties to 550°F.

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| PROPERTY             | US VALUE         |                               | METRIC VALUE |                          |
|----------------------|------------------|-------------------------------|--------------|--------------------------|
| Filler               | Alumina          |                               |              |                          |
| Temperature Limit    | 550              | °F                            | 288          | °C                       |
| Thermal Conductivity |                  | BTU/(h.ft <sup>2</sup> °F/ft) | .475         | W/(m <sup>2</sup> . K/m) |
| Dielectric Strength  | 300              | volts/mil                     |              | ac-kv/mm                 |
| Volume Resistivity   | 10 <sup>14</sup> | ohm-cm @ RT                   |              |                          |
| Chemical Resistance  | Excellent        |                               |              |                          |
| Water Absorption     | Nil              | %                             |              |                          |
| Solids content       | 100%             |                               |              |                          |
| Specific Gravity     | 2.42             | gms/cc                        |              |                          |
| Color                | White            |                               |              |                          |