

Grade: ARMC-569

Manufacturer:

Aremco Products, Inc.

Description:

Alumina based high temperature adhesive. Moisture, alkali and acid resistance properties are after firing above 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	4.2 in/in °F x 10 ⁻⁶	7.6 Microns/m °C
Volume Resistivity	10⁹ ohm-cm @ RT	
Dielectric Strength	256 volts/mil	ac-kv/mm
Torque Strength	6.0 ft-lbs	
Moisture Resistance	Excellent	
Alkali Resistance	Good	
Acid Resistance	Excellent	
No. Components	1	
Viscosity	Paste cps	
Specific Gravity	2.30 gms/cc	
Air Set	1-4 hours	
Heat Cure	200, 2 °F, hours	93, 2 °C, hours
Color	White	
Shelf Life	6 months	
Storage Temperature MIN	40 °F	4 °C
Storage Temperature MAX	90 °F	32 °C