

Grade: ARMC-835MB

Manufacturer:

Aremco Products, Inc.

Description:

Alumina based high temperature adhesive. Moisture, alkali and acid resistance properties are after firing above 700°F. Torgue strength and viscosity tests were performed after curing for 2 hours @ 200°F.

PROPERTY	US VALUE	METRIC VALUE
Major Constituent	Alumina	
Maximum Temperature	3000 °F	1649 °C
CTE	3.8 in/in °F x 10 ⁻⁶	6.8 Microns/m °C
Dielectric Strength	202 volts/mil	ac-kv/mm
Torque Strength	27 ft-lbs	
Moisture Resistance	Good	
Alkali Resistance	Excellent	
Acid Resistance	Good	
No. Components	2	
Viscosity	60,000 cps	
Specific Gravity	2.00 - 2.15 gms/cc	
Air Set	1-4 hours	
Heat Cure	200, 2 + 350, 2 °F, hours + 500, 2	93, 2 + 177, 2 °C, hours + 260, 2
Color	White	
Shelf Life	6 months	
Storage Temperature MIN	40 °F	4 °C
Storage Temperature MAX	90 °F	32 °C