

Grade: ARMC-890

Manufacturer:

Aremco Products, Inc.

Description:

Silicon carbide 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	Silicon carbide	
Maximum Temperature	3000 °F	1649 °C
CTE	2.4 in/in °F x 10 ⁻⁶	Microns/m °C
Dielectric Strength	73 volts/mil	ac-kv/mm
Torque Strength	40 ft-lbs	
Moisture Resistance	Good	
Alkali Resistance	Good	
Acid Resistance	Good	
No. Components	1	
Viscosity	35,000 - 55,000 cps	
Specific Gravity	1.70 - 1.75 gms/cc	
Air Set	<=1 hours	
Heat Cure	200, 2 + 500, 2 °F, hours + 700, 2	93, 2 + 260, 2 °C, hours + 371, 2
Color	Blue-Gray	
Shelf Life	6 months	
Storage Temperature MIN	40 °F	4 °C
Storage Temperature MAX	90 °F	32 °C