

Grade: ARMC-584

Manufacturer: Aremco Products, Inc.
Description: Magnesia based, two-part, quick setting ceramic for small parts. Requires curing (see item description).

PROPERTY	US VALUE		METRIC VALUE	
Major Constituent	Magnesia			
Maximum Temperature	2800	°F	1538	°C
CTE	6.5	in/in °F x 10 ⁻⁶	11.7	Microns/m °C
Volume Resistivity	10⁹	ohm-cm @ RT		
Dielectric Strength	100	volts/mil		ac-kv/mm
Compressive Strength	4,500	psi	NaN	MPa
Porosity	6.0	% VOL		% VOL
Moisture Resistance	Excellent			
Alkali Resistance	Good			
Acid Resistance	Good (attacked by HF)			
No. Components	2			
Mixed Viscosity	18,000	@ 25°C, cps		
Shrinkage	< 4.0	% @ 1000°F		
Pot Life	.04	100gm @ 25°C, hours		
Shelf Life	12	months		
Color	Off White			