

Grade: ARMC-900

Manufacturer:

Aremco Products, Inc.

Description:

Zirconium-Silicate based, two-part high density, high strength molding compound. Supplied in powder form and mixed with water to develop a strong hydraulic bond (see item description).

PROPERTY	US VALUE		METRIC VALUE	
Major Constituent	Zirconium Silicate			
Maximum Temperature	2800	°F	1538	°C
CTE	2.8	in/in °F x 10 ⁻⁶	4.9	Microns/m °C
Volume Resistivity	10 ⁹	ohm-cm @ RT		
Dielectric Strength	125	volts/mil		ac-kv/mm
Compressive Strength	8,000	psi	NaN	MPa
Porosity	< 5.0	% VOL		% VOL
Moisture Resistance	Excellent			
Alkali Resistance	Good			
Acid Resistance	Good (attacked by HF)			
No. Components	2			
Mixed Viscosity	25,000	@ 25°C, cps		
Shrinkage	< 1.0	% @ 1000°F		
Pot Life	< 0.3	100gm @ 25°C, hours		
Shelf Life	12	months		
Color	Off White			