

Grade: ARMC-576N

Manufacturer: Aremco Products, Inc.

Description: Alumina based, medium grain castable material similiar to Ceramacast 575N. Supplied in powder form and mixed with water to develop a strong hydraulic bond. Requires curing (see item description).

PROPERTY	US VALUE		METRIC VALUE	
Major Constituent	Alumina			
Maximum Temperature	3000	°F	1649	°C
CTE	4.1	in/in °F x 10 ⁻⁶	7.4	Microns/m °C
Volume Resistivity	10 ⁹	ohm-cm @ RT		
Dielectric Strength	150	volts/mil		ac-kv/mm
Compressive Strength	11200	psi	77.2	MPa
Porosity	< 2.0	% VOL		% VOL
Moisture Resistance	Excellent			
Alkali Resistance	Good			
Acid Resistance	Good (attacked by HF)			
No. Components	1 + H ₂ O			
Mixed Viscosity	9,000	@ 25°C, cps		
Shrinkage	< 0.3	% @ 1000°F		
Pot Life	2	100gm @ 25°C, hours		
Shelf Life	12	months		
Color	White			