

Grade: ARMC-673N

Manufacturer:

Aremco Products, Inc.

Description:

Silicon Carbide based, single-part castable ceramic exhibiting high strength and thermal conductivity. 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	Silicon Carbide			
Maximum Temperature	3200	°F	1760	°C
CTE	2.9	in/in °F x 10 ⁻⁶	4.2	Microns/m °C
Compressive Strength	5000	psi	34.5	MPa
Porosity	< 4.0	% VOL		% VOL
Moisture Resistance	Excellent			
Alkali Resistance	Good			
Acid Resistance	Good (attacked by HF)			
No. Components	1 + H ₂ O			
Mixed Viscosity	12,000	@ 25°C, cps		
Shrinkage	0	% @ 1000°F		
Pot Life	2	100gm @ 25°C, hours		
Shelf Life	12	months		
Color	Blue-Grey			