



TECHNICAL DATA

CLAYBURN ABRADE 60

CLAYBURN ABRADE 60 is a 60% alumina, erosion resistant, conventional castable. It has high strengths and thermal shock resistance. CLAYBURN ABRADE 60 can be used as a general-purpose high alumina castable.

SERVICE TEMPERATURE: 3000°F
MATERIAL REQUIRED FOR ESTIMATING: 136 lbs./cu. ft.
CASTING WATER: 9.5-10.5%

TYPICAL CHEMICAL ANALYSIS
(Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
56-57	31-34	<0.9	1.3	0.1	6.7-7.2	0.2	0.1

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	1962-2093	10,000-11,000	Nil
1500	1374-2403	5,900-10,500	-0.1
2400	2250-2700	6,300-11,400	-0.2

Abrasion Loss after firing to 1000°F: 20 cc
Abrasion Loss after firing to 1500°F: 10-11 cc