



CLAYBURN INDUSTRIES LTD.

33765 PINE STREET
ABBOTSFORD, BC
CANADA V2S 5C1
PHONE: (604) 859-5288
FAX: (604) 859-0424

TECHNICAL DATA

CLAYBURN CAST 60

CLAYBURN CAST 60 is a 60% alumina conventional castable. It has high strength and thermal shock resistance. CLAYBURN CAST 60 is often used as a general purpose high alumina castable.

SERVICE TEMPERATURE:	3000°F
MATERIAL REQUIRED FOR ESTIMATING:	146 lbs./cu. ft.
CASTING WATER:	7.5-8.5%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
62.1	31.2	1.0	1.7	0.1	3.6	0.2	0.1

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	1,100	4,400	Nil
1500	800	4,700	-0.1
2000	1,100	4,000	-0.2
2500	1,800	6,700	-0.2
3000	2,000	7,200	+2.4

110320- 10/23/01