



CLAYBURN INDUSTRIES LTD.

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ABBOTSFORD, BC
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TECHNICAL DATA

CLAYBURN CAST 60 LLC

CLAYBURN CAST 60 LLC is a high alumina, strong thermal shock resistant castable, with a cement content lower than standard low cements. Its purity, low porosity, and volume stability will resist the penetration and attack of ferrous metal and slags.

SERVICE TEMPERATURE: 3000°F
MATERIAL REQUIRED FOR ESTIMATING: 154 lbs./cu. ft.
CASTING WATER (Approx. by Wt.): 5-5.2%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
58.4	37.2	1.0	1.8	0.1	1.4	0.1	Nil

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	1780	8,000	Nil
1500	2630	10,180	-0.2
2000	3400	9,000	-0.2
2500	3460	15,000	+0.4
3000	3580	15,690	+0.7

APP. POROSITY: 11.2% After 1500°F

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