



CLAYBURN INDUSTRIES LTD.

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ABBOTSFORD, BC
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TECHNICAL DATA

CLAYBURN CAST 75 LC

CLAYBURN CAST 75 LC is a high alumina and high strength castable using state of the art low cement technology. It offers superb abrasion resistance and is thermal shock resistant. CLAYBURN CAST 75 LC has excellent flow for easy installation.

SERVICE TEMPERATURE: 3100°F
MATERIAL REQUIRED FOR ESTIMATING: 156 lbs./cu. ft.
CASTING WATER (Approx. by Wt.): 6.25 – 6.75%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
74.3	20.0	1.1	2.3	0.1	1.6	0.3	0.3

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	1300	5,500	Nil
3000	2100	6,800	-0.1

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