



CLAYBURN INDUSTRIES LTD.

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TECHNICAL DATA - TYPICAL

CLAYBURN CAST 60 CLC

CLAYBURN CAST 60 CLC is a coarser grained, low cement, low moisture, mullite based castable that provides high strength, low porosity and high abrasion resistance. It has a heavy body feel but yet is easy to cast into place.

SERVICE TEMPERATURE:	3000°F
MATERIAL REQUIRED FOR ESTIMATING:	148 lbs./cu. ft.
CASTING WATER (Approx. by Wt.):	5.75 – 6%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
59.8	34.9	0.9	1.6	0.1	2.0	0.2	0.5

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	1330	5,370	-0.1
1500	2540	9,500	-0.2
2000	3120	8,890	Nil
2500	3060	-	+0.9
3000	3330	13,320	Nil

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The data represents typical average results obtained by testing under ASTM or other acceptable procedures as required. They are subject to normal variations and should not be used for specifications.