



CLAYBURN INDUSTRIES LTD.

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TECHNICAL DATA

CLAYBURN CAST 65 CLC

CLAYBURN CAST 65 CLC is a high alumina, low cement, low moisture, mullite based castable that provides high strength, low porosity and high abrasion resistance. CLAYBURN CAST 65 CLC is ideal for metal and slag contact applications.

SERVICE TEMPERATURE: 3000°F
MATERIAL REQUIRED FOR ESTIMATING: 154 lbs./cu. ft.
CASTING WATER: 5-6%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
62.5	32.0	1.0	1.9	0.1	1.9	0.2	0.4

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	1750	8,490	-0.1
1500	2660	9,420	-0.3
2000	3320	9,880	-0.3
2500	3270	9,330	+0.3
3000	3310	9,000	-0.3

APP. POROSITY: 17.6% After 1500°F

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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.