



CLAYBURN INDUSTRIES LTD.

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TECHNICAL DATA

CLAYBURN GUN ABRADE 85

CLAYBURN GUN ABRADE 85 is an extremely strong 3000°F gunning castable developed with low cement technology, exhibiting increased abrasion resistance. The high alumina content, volume stability, low iron content, and good gunning characteristics allow CLAYBURN GUN ABRADE 85 to be used where low cement castable properties are desired but gunning placement is preferred.

SERVICE TEMPERATURE: 3000°F
MATERIAL REQUIRED FOR ESTIMATING: 163 lbs./cu. ft.
WATER REQUIRED: Add at Nozzle

TYPICAL CHEMICAL ANALYSIS

(Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
85.3	7.1	0.9	2.7	0.2	3.1	0.2	0.5

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	1585	4100	Nil
1500	1575	4370	-0.1
2000	1625	6315	-0.2
2500	2490	9516	-0.3
3000	5940	13935	-1.5

ABRASION LOSS: 8.2 cc 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.