



CLAYBURN INDUSTRIES LTD.

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TECHNICAL DATA

CLAYBURN LITE GUN 80

CLAYBURN LITE GUN 80 is a strong 2800°F insulating gunite. Volume stability and low thermal conductivity gives a thermally efficient lining with minimal cracking. CLAYBURN LITE GUN 80 has a density of 80 pounds per cubic foot after firing to 1500°F.

SERVICE TEMPERATURE: 2800°F
MATERIAL REQUIRED FOR ESTIMATING: 86 lbs./cu. ft.

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
50	39	<1.2	0.9	0.2	8.1	1.2	Nil

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
230	400	1,320	-0.1
1500	375	1,100	-0.2
2000	410	1,250	-0.2

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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.