



CLAYBURN INDUSTRIES LTD.

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TECHNICAL DATA

CLAYBURN GUN 60 SIC LC

CLAYBURN GUN 60 SIC LC is a gunning castable containing a very high percentage of silicon carbide and an effective oxidation inhibitor. It was developed specifically to gun the melt zone in high production cupolas. CLAYBURN GUN 60 SIC LC has excellent gunning characteristics.

SERVICE TEMPERATURE: 3100°F
MATERIAL REQUIRED FOR ESTIMATING: 152 lbs./cu. ft.
WATER REQUIRED: Add at Nozzle

TYPICAL CHEMICAL ANALYSIS
 (Reducing Conditions)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	SiC	Alkalies	Other
23.4	12.7	0.2	0.1	0.1	1.6	62.5	0.1	0.5

TYPICAL PHYSICAL PROPERTIES
 (Reducing Conditions above 250°F)

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	850	3,400	-0.1
1500	750	2,875	-0.4
2000	1100	3,740	-0.3
2500	2100	6800	Nil

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