



CLAYBURN INDUSTRIES LTD.

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TECHNICAL DATA

CLAYBURN NC - 60

Clayburn NC-60 is a high alumina no cement refractory designed to be installed pumping or casting. Quick installation, dry-out, high hot strength, high thermal shock and cycling resistance are features unique to Clayburn Refractories' No Cement products. Clayburn NC 60 is recommended for use in reheat furnaces, ladles, and other molten iron contact applications.

SERVICE TEMPERATURE:	3000°F
MATERIAL REQUIRED FOR ESTIMATING:	160 lbs./cu. ft.
*BINDER ADDITION:	8.5 – 10.25 %

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂
55.0 – 62.0	38.0 – 42.0	0.75 – 1.00	1.75 – 2.0

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
250	650-900	3,500-4,500	Nil
1500	1200-1450	5,800-7,400	-0.1
2000	1600-1850	6,000-7,800	-0.3
2500	2100-2350	6,600-8,200	-0.4
3000	2700-2950	7,500-8,500	+1.1

***Product supplied as a two component mix**

182020 – 01/22/99