



CLAYBURN INDUSTRIES LTD.

33765 PINE STREET
ABBOTSFORD, BC
CANADA V2S 5C1
PHONE: (604) 859-5288
FAX: (604) 859-0424

TECHNICAL DATA

CLAYBURN FIRECAST CRM

CLAYBURN FIRECAST CRM is an alumina-chrome castable refractory designed for severe applications that can be installed by pumping, shotcreting or casting. Quick installation, dry-out, high hot strength and thermal shock resistance are features of this product. **CLAYBURN FIRECAST CRM** is recommended for use in hot metal mixers, ladles, and other applications where a rapid heat-up is desired and thermal shock conditions are present.

SERVICE TEMPERATURE:	3000°F
MATERIAL REQUIRED FOR ESTIMATING:	190 lbs./cu. ft.
WATER ADDITION:	4.5 – 5.5 %

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O	SiO ₂	Fe ₂ O ₃	TiO ₂	CaO	Cr ₂ O ₃	Other
86-87	5	0.1	nil	0.3	8	0.2

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
Green	460	1600	
250	590	1,500 - 2,000	Nil
2000	2900		
2500	3050	>7,000	-0.3

178020 – 6/10/04

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.