



CLAYBURN INDUSTRIES LTD.

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

TECHNICAL DATA

CLAYBURN LITE CAST 22

CLAYBURN LITE CAST 22 is a strong, 2200°F, and low shrinkage insulating castable. The volume stability combined with low thermal conductivity will give a thermally efficient lining with a minimum of cracking. Reduced cracking reduces heat by-passage and increases the lining integrity.

SERVICE TEMPERATURE:	2200°F
MATERIAL REQUIRED FOR ESTIMATING:	55-65 lbs./cu. ft.
CASTING WATER:	27-36%

TYPICAL CHEMICAL ANALYSIS

(Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	MgO	CaO	Alkalies
19 - 22	42 - 47	1.5 - 2.0	<0.5	27 - 30	1.5

TYPICAL PHYSICAL PROPERTIES

Prefired °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	200-300	700-1200	Nil
1500	100-200	400-900	-0.2
2000	70-170	200-500	-1.0

133220 – 02/27/06

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.