



CLAYBURN INDUSTRIES LTD.

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

TECHNICAL DATA

CLAYBURN PLASTIC 85 SA

CLAYBURN PLASTIC 85 SA is an extruded, high purity, high alumina, phosphate bonded plastic ramming refractory. The high density, low porosity and volume stability reduces metal penetration and the effects of corrosive slags.

SERVICE TEMPERATURE: 3100°F
MATERIAL REQUIRED FOR ESTIMATING: 183 lbs./cu. ft.

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	MgO	P ₂ O ₅
83 - 84	9 - 10	0.9	<0.2	3.1

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	900-1000	3,300-4,000	-0.3
1500	1000-1450	4,500-5,400	-0.3
2000	1550-1700	5,800-7,000	-0.3
2500	1500-1650	8,500-11,000	+0.1

234820 – 07/03/03

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.