



CLAYBURN INDUSTRIES LTD.

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TECHNICAL DATA

CLAYBURN PL 70 P

CLAYBURN PL 70 P is a high alumina, phosphate bonded, plastic refractory. The high density and low porosity of **CLAYBURN PL 70 P** reduces metal penetration and the effects of corrosive slags. It resists spalling and has good workability.

SERVICE TEMPERATURE: 3100°F
MATERIAL REQUIRED FOR ESTIMATING: 168 lbs./cu. ft.

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	P ₂ O ₅	Other
70.4	23.8	1.0	1.7	0.1	0.1	2.7	0.2

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	650	1,050	-0.1
1500	750	2,100	-0.1
2000	1150	3,525	-0.2
2500	1850	5,500	+0.2
3000	2525	8,675	+1.4

227020 – 4/5/02

**ALL DATA SUBJECT TO REASONABLE DEVIATION AND THEREFORE
SHOULD NOT BE USED FOR SPECIFICATION PURPOSES**