



CLAYBURN INDUSTRIES LTD.

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

TECHNICAL DATA

CLAYBURN PL 50 P

CLAYBURN PL 50 P is a high alumina, phosphate bonded plastic. It shows good resistance to abrasion, the effects of corrosive slags and thermal shock. **CLAYBURN PL 50 P**, being volume stable, gives a true monolithic lining capable of withstanding moderately abusive service conditions.

SERVICE TEMPERATURE: 3050°F
MATERIAL REQUIRED FOR ESTIMATING: 155 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
55.1	39.6	0.8	1.2	0.1	0.1	2.8	0.3

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	375	760	-0.4
1500	550	1,625	-0.4
2000	650	1,800	-0.3
2500	1075	3,280	+0.1
3000	1975	5,550	-0.3

222520 – 1/20/02

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