



**CLAYBURN INDUSTRIES LTD.**

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

**TECHNICAL DATA**

**CLAYBURN PL 349 7 CRM**

CLAYBURN PL 349 7 CRM is a high alumina-chromic oxide, phosphate bonded plastic. It has exceptional resistance to metal penetration and the corrosive effect of slags. This good workability plastic, with its high density and low permeability, resists structural spalling.

SERVICE TEMPERATURE: 3400°F  
MATERIAL REQUIRED FOR ESTIMATING: 200 lbs./cu. ft.

**TYPICAL CHEMICAL ANALYSIS**

(Calcined Basis)

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	MgO	Alk	CaO	P <sub>2</sub> O <sub>5</sub>	Cr <sub>2</sub> O <sub>3</sub>
85.3	3.7	0.2	Nil	0.1	0.4	Nil	3.3	7.0

**TYPICAL PHYSICAL PROPERTIES**

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change
250	870	1,530	Nil
1500	1570	3,180	-0.1
2000	2260	4,930	Nil
2500	2690	5,130	-0.1
3000	3590	6,450	-0.5

242520-01/12/02

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