



CLAYBURN INDUSTRIES LTD.

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

TECHNICAL DATA

CLAYBURN PL 50 G

CLAYBURN PL 50 G is a mullite based plastic containing graphite. It shows excellent resistance to molten metal and slag penetration making **CLAYBURN PL 50 G** an ideal choice for sealing joints and cracks in forehearths and pouring ladles. Trough and cupola walls are other areas where usage will prolong existing refractory life.

SERVICE TEMPERATURE: 2900°F
MATERIAL REQUIRED FOR ESTIMATING: 146 lbs./cu. ft.

TYPICAL CHEMICAL ANALYSIS (Reducing Conditions)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	C	Alk.	Other
39.6	40.6	1.0	1.6	0.1	0.4	12.6	1.2	2.9

TYPICAL PHYSICAL PROPERTIES (Fired Under Reducing Conditions)

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	475	900	Nil
1500	325	1,125	Nil
2000	300	975	-0.1
2500	300	850	-0.2

201620 – 1/21/2002

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