



CLAYBURN INDUSTRIES LTD.

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

TECHNICAL DATA

CLAYBURN MULLITE PLASTIC P

Clayburn Mullite Plastic P is a mullite based, low iron, volume stable, phosphate bonded plastic with excellent strengths. It has low thixotropy to reduce the need for forming. Low permeability reduces metal and slag penetration.

SERVICE TEMPERATURE: 3100°F
MATERIAL REQUIRED FOR ESTIMATING: 162 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	Alk.
67.3	27.0	0.8	1.5	0.1	0.1	3.0	0.2

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	1150	1,850	-0.1
1500	1400	3,100	-0.2
2000	1600	3,100	-0.2
2500	2200	5,875	+1.2
3000	2800	11,500	+1.6

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