



CLAYBURN INDUSTRIES LTD.

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TECHNICAL DATA

CLAYBURN PLASTIC 55 P

CLAYBURN PLASTIC 55 P is a high alumina, low iron, phosphate bonded plastic with excellent workability. It exhibits high strengths and with its high density and low porosity, has excellent resistance to abrasion, metal penetration and slag attack.

SERVICE TEMPERATURE: 3000°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	Alkalies
53.6	40.8	0.7	1.5	0.2	0.1	2.8	0.3

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
600	200	1,300	-0.4
2000	750	3,200	-0.5
2500	850	4,600	-0.7
3000	1700	7,100	-1.3

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