



TECHNICAL DATA SHEET

PT 55 P is a high alumina, phosphate bonded, plaster refractory. It is resistant to slagging, spalling and abrasion.

PT 55 P is ideal for patching and contouring existing refractory linings because of the putty like consistency, also extending their service lives.

SERVICE TEMPERATURE: 3100°F
MATERIAL REQUIRED FOR ESTIMATING: 150 lbs./cu. ft.
WATER REQUIRED: Use as received

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	P ₂ O ₅	Other
54.6	37.8	1.4	1.3	0.3	0.9	3.5	-

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	225 – 350	825 – 1,100	-0.2
1500	525 – 700	1,600 – 2,000	-0.6
2500	850 – 1,000	3,400 – 3,800	+0.1
3000	1,250 – 1,450	3,400 – 3,800	+0.8

PACKAGING: 60 lb. Pails, 48per Pallet

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The data presented represents typical average results obtained by testing under ASTM or other acceptable procedures as required. They are subject to normal variations and should not be used for specification purposes.