



TECHNICAL DATA SHEET

PL 60 P is a high alumina, phosphate bonded plastic. It develops good strength throughout the entire lining thickness.

PL 60 P withstands a variety of slags and resists abrasion and stress caused by temperature fluctuations.

SERVICE TEMPERATURE: 3100°F
MATERIAL REQUIRED FOR ESTIMATING: 160 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	Other
59 – 60	34	<1	1.4	0.1	0.1	3.31	0.2

TYPICAL PHYSICAL PROPERTIES

Pre-fired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	---	975	-0.6
2000	700	3,000	-0.6
2500	920	4,500	-0.7

“K” FACTOR @ 1000°F: 7.67 Btu-in/hr-ft² °F
“K” FACTOR @ 1500°F: 7.23 Btu-in/hr-ft² °F
“K” FACTOR @ 2000°F: 6.98 Btu-in/hr-ft² °F

PACKAGING: 55 lb. Boxes, 60 per Pallet (3,300 lbs.)

225000 – 10/15/03

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.