



RENO REFRACTORIES, INC

PT 70 PF

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TECHNICAL DATA SHEET

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**PL 70 PF** is a fine grained, high alumina, phosphate bonded, plaster refractor. It is resistant to slagging, spalling and abrasion. The putty like consistency is ideal for patching and contouring existing refractory linings and extending their service lives.

**SERVICE TEMPERATURE:** 3100°F  
**MATERIAL REQUIRED FOR ESTIMATING:** 160 lbs/cu.ft

**TYPICAL CHEMICAL ANALYSIS** (Calcined Basis)

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	MgO	CaO	P <sub>2</sub> O <sub>5</sub>	Other
68.9	23.5	1.7	2.1	0.3	0.1	3.0	Nil

**TYPICAL PHYSICAL PROPERTIES**

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	300 – 350	1,000 – 1,500	-0.2
2500	1,000 – 1,050	3,100 – 3,700	+0.6

**PACKAGING:** 60 lb. Pails, 48 per Pallet (2,880 lbs.)  
55 lb. cartons, 60 per Pallet (3,300 lbs.)

423600 – 9/28/01

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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.

Reno Refractories, PO Box 201, Morris, Alabama 35116  
205.647.0240 | Toll Free 1.800.741.7366