



RENO REFRACTORIES, INC

PT 70 P

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TECHNICAL DATA SHEET

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**PT 70 P** is a high alumina, phosphate bonded, plaster refractory. 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.  
**WATER REQUIRED:** Use as received

**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, 48per Pallet (2,880 lbs.)

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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