



RENO REFRACTORIES, INC

PL 60 AS

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TECHNICAL DATA SHEET

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**PL 60 AS** is a high alumina, air setting plastic with excellent resistance to thermal and mechanical shock. It is ideal for use where conditions are too severe for super duty plastics. **PL 60 AS**, when dry, develops strength throughout the entire thickness, regardless of the operating temperature.

**SERVICE TEMPERATURE:** 3100°F  
**MATERIAL REQUIRED FOR ESTIMATING:** 155 lbs./cu. ft.  
**WORKABILITY INDEX:** 40-50 @ 3 TAPS

**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	Alkalies	Other
62.4	33.1	1.6	2.2	0.1	0.1	0.3	0.2

**TYPICAL PHYSICAL PROPERTIES**

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	250 – 325	600 – 800	-0.6
2000	350 – 450	1,200 – 1,450	-0.9
2900	600 – 750	1,950 – 2,250	+2.2

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

203500 – 9/25/01

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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.

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