



RENO REFRACTORIES, INC

Reno Ladle Cast 60

TECHNICAL DATA SHEET

**Reno Ladle Cast 60** is a 60% alumina conventional castable. It has high strengths, thermal shock resistance and volume stability. Use for ladles, tundish covers and as a general purpose high alumina castable.

**SERVICE TEMPERATURE:** 3000°F  
**MATERIAL REQUIRED FOR ESTIMATING:** 135 lbs/ft<sup>3</sup>  
**CASTING WATER:** 8.5 - 9.5%

**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
58.5	33.25	0.95	1.7	0.1	5.22	0.1	0.1

**TYPICAL PHYSICAL PROPERTIES**

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	1,000	4,200	Nil
1500	750	3,400	-0.1
2500	1,750	5,150	-0.7
3000	2,400	6,800	-0.9

**PACKAGING:** 55 lb. Bags, 64 per Pallet (3,520 lbs.)

109900 – 10/29/01

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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