



RENO REFRACTORIES, INC

RENO CAST 60 AZR LC

TECHNICAL DATA SHEET

**RENO CAST 60 AZR LC** is a high strength, high density alumina-zircon low cement castable. It was specifically developed for upper sidewalls and dross line applications in aluminum furnaces, aiding in the reduction of corundum build-up. Designed for vibration casting.

**RENO CAST 60 AZR LC** is also very well suited for risers and lifters in cement and lime plant applications.

**SERVICE TEMPERATURE:** 3000°F  
**MATERIAL REQUIRED FOR ESTIMATING:** 162 lbs./cu. ft.  
**CASTING WATER:** 5-6%

**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>	CaO	ZrO <sub>2</sub> ·SiO <sub>2</sub>
53 – 56	33 – 35	<0.9	1.8 – 2.2	10 - 12

**TYPICAL PHYSICAL PROPERTIES**

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	2,970	12,100	Nil
1500	3,800	11,600	-0.3

**ABRASION LOSS AFTER 1500°F:** <6.8 cc

**PACKAGING:** 55 lb. Bags, 72 Per Pallet (3,960 lbs.)  
2000 lb. Bags, 2 Per Pallet (4,000 lbs.)

147600 – 4/8/02

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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