



RENO REFRACTORIES, INC

RENO CAST 95

TECHNICAL DATA SHEET

RENO CAST 95 is a high purity, tabular alumina based, conventional castable. It was designed primarily for pour casting. However, better physical properties can be achieved if it is placed by vibration at a lower water level.

SERVICE TEMPERATURE: 3200°F
MATERIAL REQUIRED FOR ESTIMATING: 166 lbs./cu. ft.
CASTING WATER: 8 - 10%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
92 – 93	3 – 4	0.1	Nil	0.1	3.3	0.2	0.2

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	1,200	3,400	Nil
1500	1,400	3,600	-0.2
2000	1,300	5,200	-0.3
2500	3,700	12,000	-1.6
3000	4,700	13,800	-2.2

PACKAGING: 55 lb. Bags, 72 per Pallet (3960 lbs.)

114500 – 11/9/08

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, Inc. PO Box 201, Morris, Alabama 35116
205.647.0240 | Toll Free 1.800.741.7366