



RENO REFRACTORIES, INC

RENO ABRADE 60

TECHNICAL DATA SHEET

RENO ABRADE 60 is a 60% alumina, erosion resistant, conventional castable. It has high strengths and thermal shock resistance.

RENO ABRADE 60 can be used as a general-purpose high alumina castable.

SERVICE TEMPERATURE: 3000°F
MATERIAL REQUIRED FOR ESTIMATING: 136 lbs./cu. ft.
CASTING WATER: 9 - 10%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
56 – 57	31 – 34	<0.9	1.3	0.1	6.7 – 7.2	0.2	0.1

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	1,962 – 2,093	10,000 – 11,000	Nil
1500	1,374 – 2,403	5,900 – 10,500	-0.1
2400	2,250 – 2,700	6,300 – 11,400	-0.2

ABRASION LOSS AFTER 1500°F: <14cc

PACKAGING: 55 lb. Bags, 72 per Pallet (3,960 lbs.)

110500 – 11/12/07

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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