



RENO REFRACTORIES, INC

RENO CAST 40 LC

TECHNICAL DATA SHEET

RENO CAST 40 LC is a low moisture, low cement castable that can be installed by vibration casting. This product has superior strength and abrasion resistance as compared to conventional castables of the same classification.

SERVICE TEMPERATURE: 2800°F
MATERIAL REQUIRED FOR ESTIMATING: 147 lbs./cu. ft.
CASTING WATER: 5.5-6.5%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
40	56	1.0	1.3	0.1	1.5	0.2	0.4

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	1,700	8,300	-0.2
1500	1,300	11,100	-0.2
2500	1,840	>16,000	0.3

ABRASION LOSS After 1500°F: 7.5 cc

PACKAGING: 55 lb. Bags, 72 Per Pallet (3960 lbs.)
2000 lb. Bags, 2 Per Pallet (4000 lbs.)

140300 – 02/14/14

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