



TECHNICAL DATA SHEET

RENO CAST 65 LC is dense, low cement, high alumina castable. It is Mullite based and has excellent strength, abrasion resistance, volume stability and low porosity. This castable has good workability and is easy to install.

SERVICE TEMPERATURE: 3100°F
MATERIAL REQUIRED FOR ESTIMATING: 155 lbs./cu. ft.
CASTING WATER: 5 - 6%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Table with 8 columns: Al2O3, SiO2, Fe2O3, TiO2, MgO, CaO, Alkalis, Other. Values: 63.5, 31.7, 0.8, 1.4, 0.1, 2.1, 0.2, 0.2

TYPICAL PHYSICAL PROPERTIES

Table with 4 columns: Prefired to °F, Modulus of Rupture, psi, Cold Crushing Strength, psi, Linear Change %. Values range from 250 to 2910 °F, 2,400 to 4,200 psi, 12,700 to >16,000 psi, and -0.3% to -0.1%.

ABRASION LOSS AFTER 1500°F: 4.1 cc

APP. POROSITY AFTER 1500°F: 11.1%

HOT MOR @ 1500°F: 3,300 psi
HOT MOR @ 2000°F: 3,700 psi

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

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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.