



RENO REFRACTORIES, INC

RENO CAST 98 LC

TECHNICAL DATA SHEET

RENO CAST 98 LC is an extra high alumina, coarse grained, low cement castable with physical and chemical properties that are superior to conventional castables of similar alumina content. It displays high density and strength, low porosity and abrasion resistance. It can easily be installed by vibration casting.

SERVICE TEMPERATURE: 3200°F
MATERIAL REQUIRED FOR ESTIMATING: 190 lbs./cu. ft.
VIBRA CASTING WATER: 4 - 5 %

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Table with 8 columns: Al2O3, SiO2, Fe2O3, TiO2, MgO, CaO, Alkalies, Other. Values: 98, 0.3, 0.1, Nil, Nil, 1.5, 0.2, 0.1

TYPICAL PHYSICAL PROPERTIES

Table with 5 columns: Prefired to °F, Modulus of Rupture, psi, Cold Crushing Strength, psi, Linear Change %, 'K' Factors (BTU·in)/(hr·ft²·°F). Values range from 250 to 2500 °F and 1,100 to >16,000 psi.

ABRASION LOSS AFTER 1500°F: <5 cc
HOT MOR @ 2750°F (ORTON): 1635 psi
APP. POROSITY AFTER 1500°F: 10%

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

164400 - 09/27/12

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.