



TECHNICAL DATA SHEET

Reno Cast 99 LC is a high alumina spinel low cement castable. Designed to be resistant to iron penetration and slag corrosion and erosion.

Service Temperature: 3000°F / 1649°C Wt. Required for Estimating: 185 lbs/ft³
Liquid Type: Water Storage Life: 6 months
Addition Quantity: 3.50 - 4.75%

TYPICAL CHEMICAL ANALYSIS (% Calcined Basis)

Table with 8 columns: Al2O3, SiO2, Fe2O3, TiO2, MgO, CaO, Alkalies, Other. Values range from < 0.1 to 93 - 96.

TYPICAL COLD PHYSICAL PROPERTIES

Table with 6 columns: Prefired to °F, Cold Modulus of Rupture (psi), Cold Crushing Strength (psi), Density (pcf), Porosity (%), Linear Change (%). Values range from 1500 to 1,100 - 1,900.

TYPICAL HOT PHYSICAL PROPERTIES

Table with 3 columns: Prefired to °F, Thermal Conductivity (BTU/ft²/hr/in/°F), Thermal Expansion (%). Values range from 250 to 2800.

Standard Cure Out Schedule: Schedule E

Packaging: 72/55 lb. bags per pallet