



TECHNICAL DATA SHEET

Reno Cast 95 LCT is an extra high alumina, low cement vibratable castable. With physical and chemical properties that are superior to conventional castables of similar alumina content.

- High Density and Strength
• Low Porosity
• Superior Abrasion Resistance
• Can be installed by vibration casting, or as a self-flow castable.

Service Temperature: 3200°F / 1760°C
Liquid Type: Water
Addition Quantity: 3.6-3.9% Vibration Casting
4.0-4.25% Pumping Self Flow
Wt. Required for Estimating: 190 lbs/ft³
Storage Life: 6 months

TYPICAL CHEMICAL ANALYSIS (% Calcined Basis)

Table with 8 columns: Al2O3, SiO2, Fe2O3, TiO2, MgO, CaO, Alkalies, Other. Values range from 92-93 to 0.1.

TYPICAL COLD PHYSICAL PROPERTIES

Table with 7 columns: Prefired to °F, Cold Modulus of Rupture (psi), Cold Crushing Strength (psi), Porosity (%), Linear Change (%), Abrasion Loss (cc), Thermal Cycle Change (%). Values range from 250 to 3000.

TYPICAL HOT PHYSICAL PROPERTIES

Table with 2 columns: Prefired to °F, Thermal Conductivity (BTU/ft²/hr/in/°F). Values range from 250 to 3000.

Standard Cure Out Schedule: Schedule E

Packaging: 72/55 lb. bags per pallet; 2/1,000 lb. bulk bags per pallet

12-049 & 14-104

PIN#163200 10/09/14

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.