



TECHNICAL DATA SHEET

RENO CAST 8067 is a high alumina ultralow cement castable. It demonstrates high strengths and resists abrasion and erosion at elevated temperatures. Low porosity reduces penetration and reaction by molten metal, oxide and slag. One of the unique characteristics of this material is the positive expansion at higher temperatures.

RENO CAST 8067 is recommended for applications that include ladles and delta sections.

SERVICE TEMPERATURE: 3100°F
MATERIAL REQUIRED FOR ESTIMATING: 172 lbs./cu. ft.
CASTING WATER: approx. 5-6%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Table with 8 columns: Al2O3, SiO2, Fe2O3, TiO2, MgO, CaO, Alkalies, Other. Values range from 0.1 to 81.

TYPICAL PHYSICAL PROPERTIES

Table with 6 columns: Prefired to °F, Modulus of Rupture, psi, Cold Crushing Strength, psi, Linear Change %, Porosity %, Hot MOR psi (Orton). Values range from 250 to 3000 °F.

ABRASION LOSS after 1500°F: 4 cc
2000°F: 3 cc
2500°F: 2 cc

COEFFICIENT OF THERMAL EXPANSION: 3.3X10^-6 in/in/°F
THERMAL SHOCK (after 2200°F): 23% MOR Loss(ASTM C-1171)

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