



RENO REFRACTORIES, INC

RENO CAST 65 UL

TECHNICAL DATA SHEET

RENO CAST 65 UL is a high alumina ultra-low cement castable specifically developed to be pumped or cast into place. Excellent strengths and abrasion resistance.

SERVICE TEMPERATURE: 3100°F
MATERIAL REQUIRED FOR ESTIMATING: 152 lbs/cf
PUMPING WATER: 5-6%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
63.7	31.7	0.9	1.8	0.1	1.0	0.2	0.2

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	940	4,552	-0.15
1,500	1,400	6,157	-0.26
2,000	3,013	9,943	-0.33
2,500	2,658	12,358	+0.26

HOT MODULUS OF RUPTURE, psi: 665 psi @ 2750°F

ABRASION LOSS: 5-6 cc after 1500°F
3-5 cc after 2500°F

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

150400 – 8/3/10

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.

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