



RENO REFRACTORIES, INC

RENO PUMP 70 LC

TECHNICAL DATA SHEET

RENO PUMP 70 LC is a dense, low cement, high alumina castable. It is mullite based and has excellent strength, abrasion resistance, volume stability and low porosity.

RENO PUMP 70 LC has good workability and was developed to be installed by pumping.

SERVICE TEMPERATURE: 3100°F
MATERIAL REQUIRED FOR ESTIMATING: 160 lbs./cu. ft.
CASTING WATER: 5.5 – 6.5%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO
70	26	<1.0	<1.0	<0.2	2 - 3

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	1,900	7,500	Nil
1500	2,125	10,250	-0.2
2000	2,400	>13,000	-0.4
2500	2,750	>13,150	+0.2

ABRASION LOSS: <4 cc After 2500°F

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

153600 – 8/20/13

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.