



RENO REFRACTORIES, INC

RENO LITE CAST 20-55

TECHNICAL DATA SHEET

RENO LITE CAST 20-55 is a strong, light weight, easy to work with insulating castable. It can be cast or gunned.

SERVICE TEMPERATURE: 2000°F
MATERIAL REQUIRED FOR ESTIMATING: 55 lbs./ft³ (cast)
70-75 lbs./ft³ (gunned)
CASTING WATER: 40-50%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
51	29	1.3	1.3	0.2	15	1.5	Nil

TYPICAL PHYSICAL PROPERTIES (Cast)

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %	"K" Factor Btu/ft ² /hr/in/°F
250	140	700	-0.3	
1000	95	490	-0.6	1.5
1500	100	725	-1.1	1.8
2000	95	380	-1.7	2.1

TYPICAL PHYSICAL PROPERTIES (Gunned)

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	310	1,600	Nil
1000	155	1,160	-0.7
1500	128	1,500	-1.3
2000	126	1,070	-1.4

PACKAGING: 50 lb. Bags, 40 per Pallet (2,000 lbs.)

132000 – 1/27/17

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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