



RENO REFRACTORIES, INC

RENO LITE GUN 20-45

TECHNICAL DATA SHEET

RENO LITE GUN 20-45 is a strong, light weight, easy to work with insulating castable. It demonstrates low shrinkage and low thermal conductivity and heat storage.

SERVICE TEMPERATURE: 2000°F
MATERIAL REQUIRED FOR ESTIMATING: 50 lbs./cu. ft.
CASTING WATER (if cast) 40-44%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
39.6	42.2	1.4	1.3	0.4	13.1	2.6	Nil

TYPICAL PHYSICAL PROPERTIES (gunned)

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %	K Factor BTU•in/hr•ft ² •°F
250	40 – 65	200 – 300	0.5	1.50
1000	35 - 60	240 - 275	-0.6	1.89
1500	45 - 112	250 - 490	-1.0	2.20
2000	60 - 110	190 - 300	-2.7	

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

131500 – 10/6/15

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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