



RENO REFRACTORIES, INC

RENO LITE GUN 24-62

TECHNICAL DATA SHEET

RENO LITE GUN 24-62 is a 2400°F insulating castable designed to be gunnited. The volume stability, strength, and low thermal conductivity, and low iron content are a few of its unique characteristics.

RENO LITE GUN 24-62 is to be considered a general purpose insulating castable suitable for a variety of furnace atmospheres.

SERVICE TEMPERATURE: 2450°F
MATERIAL REQUIRED FOR ESTIMATING: 65-75 lbs/cf
WATER: Adjust at nozzle

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
42.6	42.2	1.0	1.3	0.3	9.5	1.9	1.1

TYPICAL PHYSICAL PROPERTIES (Gunned)

Pre-fired to °F	Cold Crushing Strength, psi	Linear Change %	"K" Factor Btu-in/hr-ft ² °F
250	500 – 1,000	-0.1	1.8
1500	501	-0.2	2.32

NOTE: 1500°F GUNNED SAMPLES AND DATA BY R.J. JENKINS LAB

Coefficient of Thermal Expansion: 4.0x10⁻⁶ in/in/°F

PACKAGING: 50 lb. Bags, 40 per Pallet (2000 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.

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