



RENO REFRACTORIES, INC

RENO LITE GUN 19-35

TECHNICAL DATA SHEET

RENO LITE GUN 19-35 is a very lightweight insulating gunite suitable for applications to 2000°F. It was specifically formulated as a thermally efficient gunite for behind dense castables and brick linings.

SERVICE TEMPERATURE:	2000°F
MATERIAL REQUIRED FOR GUNNING:	40-50 lbs/cu. ft.
MATERIAL REQUIRED FOR CASTING:	28-35 lbs/cu. ft.
WATER ADDITION (Casting):	120-130%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
37.8	43.9	1.5	0.8	0.5	11.8	3.6	Nil

TYPICAL PHYSICAL PROPERTIES (gunned)

Prefired to °F	Cold Crushing Strength, psi	Linear Change %	"K" Factor BTU/ft ² /hr/in/°F
250	150 – 260	Nil	500°F – 1.1
1500	150 – 280	-1.0	1,000°F – 1.3

TYPICAL PHYSICAL PROPERTIES (cast)

Prefired to °F	Cold Crushing Strength, psi	Linear Change %	"K" Factor BTU/ft ² /hr/in/°F
250	50 – 70	Nil	500°F – 1.1
1500	50 – 70	-1.0	1,000°F – 1.3

PACKAGING: 25 lb. Bags, 60 per Pallet (1,500 lbs.)

131400 - 9/17/12

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.