



TECHNICAL DATA SHEET

RENO LITE 22-35 is a very lightweight insulating gunite suitable for applications to 2200°F. It was specifically formulated as a thermally efficient castable or gunite for behind dense castables and brick linings.

<b>SERVICE TEMPERATURE:</b>	2200°F
<b>MATERIAL REQUIRED FOR GUNNING:</b>	33-39 lbs/cu. Ft
<b>MATERIAL REQUIRED FOR CASTING:</b>	28-31 lbs/cu. ft
<b>WATER ADDITION (Casting):</b>	120-130%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	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	CMOR psi	Cold Crushing Strength, psi	Linear Change %	"K" Factor BTU/in/hr/ft <sup>2</sup> /°F
250	30 – 60	100 - 200	Nil	500°F - 1.1
1500	30 – 60	100 - 200	-1.0	1000°F - 1.3

TYPICAL PHYSICAL PROPERTIES (cast)

Prefired to °F	CMOR psi	Cold Crushing Strength, psi	Linear Change %	"K" Factor BTU/in/hr/ft <sup>2</sup> /°F
250	20 - 50	50 – 70	Nil	500°F – 1.1
1500	20 - 50	50 – 70	-1.0	1000°F – 1.3

PACKAGING: 25 lb. Bags, 40 per Pallet (1,000 lbs.)

132500 – 3/02/17

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.