



RENO REFRACTORIES, INC

RENO LITE CG 2300 LI

TECHNICAL DATA SHEET

RENO LITE CG 2300 LI is a 55 lb. insulating castable with a service limit of 2300°F. It exhibits low thermal conductivity and good strength. Reno Lite CG 2300 LI can be cast or gunned.

SERVICE TEMPERATURE: 2300°F  
 MATERIAL REQUIRED FOR ESTIMATING: 50 lbs./ft<sup>3</sup> (cast)  
 65-70 lbs./ft<sup>3</sup> (gunned)  
 CASTING WATER: 50-60%

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>	MgO	CaO	Alkalies
40	44	0.9	<0.5	14	<1.5

TYPICAL PHYSICAL PROPERTIES (Cast)

Prefired to °F	Cold Crushing Strength, psi	Modulus of Rupture, psi	Linear Change %	"K" Factor Btu/ft <sup>2</sup> /hr/in/°F
250	340	155	Nil	500°F – 1.7
1500	215	85	-1.0	1000°F – 1.5
2000	130	65	-1.7	1500°F – 1.8
2300	400	270	-1.4	2000°F – 2.1

TYPICAL PHYSICAL PROPERTIES (Gunned)

Prefired to °F	Cold Crushing Strength, psi	Modulus of Rupture, psi	Linear Change %
250	445	240	-0.4
1500	360	180	-0.5
2000	315	140	-0.7
2300	326	360	-0.4

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

134000 – 4/04/17

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.

Reno Refractories, Inc. PO Box 201, Morris, Alabama 35116  
205.647.0240 | Toll Free 1.800.741.7366