



TECHNICAL DATA SHEET

Reno Lite 35 CG is a lightweight insulating refractory castable.

- Low Thermal Conductivity
- Can be Cast or Gunned

Service Temperature:	2000°F/1093°C	Wt. Required for Estimating:	35 lbs/ft ³
Liquid Type:	Water	Storage Life:	6 months
Addition Quantity:	Adjust as needed at nozzle	Required Predamp water:	1-1¼ gal/25 lb bag
	Cast: 100-125% by weight		

TYPICAL CHEMICAL ANALYSIS (% Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	MgO	TiO ₂	CaO	Alkalies	Other
31.2	30.8	4.7	7.6	2.3	20.7	2.7	-

TYPICAL COLD PHYSICAL PROPERTIES

Prefired to °F	Cold Modulus of Rupture (psi)	Cold Crushing Strength (psi)	Density (pcf)	Porosity (%)	Linear Change (%)	Abrasion Loss (cc)
1500	28-32 Cast 33-37 Gunned	75-125 Cast 125-225 Gunned	28-32 Cast 33-37 Gunned		-1.3	

TYPICAL HOT PHYSICAL PROPERTIES

Prefired to °F	Hot Modulus of Rupture (psi)	Thermal Conductivity (BTU/ft ² /hr/in/°F)
250		0.90
750		0.97
1500		1.17
2000		1.22

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.