



RENO REFRACTORIES, INC

CA 16 LWX

TECHNICAL DATA SHEET

CA 16 LWX is a very light weight insulating castable suitable for applications to 1800°F as backup and 1600°F on the hot face. It was specifically formulated as a thermally efficient castable for backup insulation. Can be cast or gunited.

SERVICE TEMPERATURE: 1800°F (backup)
1600°F (hot face)

MATERIAL REQUIRED FOR ESTIMATING: 30 lbs/cf

CASTING WATER: 100%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
15.5	39.1	5.2	0.6	9.4	26	2.7	1.2

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Cold Crushing Strength, psi	Linear Change %
250	100 – 400	-0.3
1000	70 – 300	-0.2
1500	70 – 200	-2.1

“K” FACTOR (Mean Temp): 1000°F – 1.00 BTU-in/hr-ft²-F
1500°F – 1.22 BTU-in/hr-ft²-F

PACKAGING: 25 lb. Bags, 40 per Pallet (1000 lbs.)

130400 – 11/9/04

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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