



TECHNICAL DATA SHEET

CA 19 LWX is an extra lightweight insulating castable equivalent to block insulation when fully cured. It can be used as a water insoluble insulating finishing cement resisting high moisture atmospheres. The service temperature of CA 19 LWX is 1900°F.

SERVICE TEMPERATURE: 1900°F
MATERIAL REQUIRED FOR ESTIMATING: 24 lbs./cu. ft.
CASTING WATER: 5 gals. /25 lbs.

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
38 – 39	33	4.3	1.3	9.2	11.0	2.5	Nil

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	--	60	-0.3
1000	--	60	-0.9
1850	--	--	-1.3

K Factor: (mean Temp) 1000°F: 1.0 BTU-in/hr-ft²-°F
1500°F: 1.2 BTU-in/hr-ft²-°F

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

131200 – 1/13/08

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.