



TECHNICAL DATA

CLAYBURN LITE CAST 28-80

CLAYBURN LITE CAST 28-80 is a strong 2800°F insulating castable. Volume stability and low thermal conductivity gives a thermally efficient lining with minimal cracking. CLAYBURN LITE CAST 28-80 has a density of 80 pounds per cubic foot.

SERVICE TEMPERATURE: 2800°F
MATERIAL REQUIRED FOR ESTIMATING: 80 lbs./cu. ft.
CASTING WATER: 25-28%

TYPICAL CHEMICAL ANALYSIS

(Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
53.1	36.7	1.0	0.8	0.4	6.8	1.2	Nil

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
275	590	2,580	-0.1
1500	375	1,420	-0.2
2800	410	1,470	-0.3

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ALL DATA SUBJECT TO REASONABLE DEVIATION AND THEREFORE SHOULD NOT BE USED FOR SPECIFICATION PURPOSES