



CLAYBURN INDUSTRIES LTD.

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TECHNICAL DATA

CLAYBURN CAST 28

CLAYBURN CAST 28 is a strong, moderate abrasion resistant, general purpose conventional castable. It has low iron to resist reducing atmospheres and can be used to precast special shapes for applications up to 2800°F.

SERVICE TEMPERATURE:	2800°F
MATERIAL REQUIRED FOR ESTIMATING:	132 lbs./cu. ft.
CASTING WATER:	13%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
50.3	40.1	1.0	1.6	0.1	6.7	0.2	0.1

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	1200	4,100	Nil
1500	550	2,700	-0.1
2000	850	2,900	+0.3
2500	1700	4,500	+2.0
2800	1400	6,100	+2.9

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The data 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 specifications.