



**CLAYBURN INDUSTRIES LTD.**

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## TECHNICAL DATA

### CLAYBURN CAST 25

CLAYBURN CAST 25 is a dense, strong, easy to work with, general purpose, conventional castable. It has good abrasion to moderate abrasion and can be used to precast special shapes for super duty applications.

<b>SERVICE TEMPERATURE:</b>	2500°F
<b>MATERIAL REQUIRED FOR ESTIMATING:</b>	128 lbs./cu. ft.
<b>CASTING WATER (Approx. by Wt.):</b>	12-13.5%

### TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	MgO	CaO	Alkalies	Other
46.5	40.6	2.5	1.6	0.3	8.2	0.1	0.2

### TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	1258	5,870	Nil
1500	700	4,500	Nil
2000	780	2,900	-0.1
2500	1100	3,700	0.2

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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.