



**CLAYBURN INDUSTRIES LTD.**

33765 PINE STREET  
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## TECHNICAL DATA

### CLAYBURN CAST 28-108

CLAYBURN CAST 28-108 is a high alumina castable that can be classified as semi-insulating. This product is stronger than many dense conventional castables. With its low iron content, it can withstand the effects of reducing atmospheres.

<b>SERVICE TEMPERATURE:</b>	2800°F
<b>MATERIAL REQUIRED FOR ESTIMATING:</b>	106-111 lbs./cu. ft.
<b>CASTING WATER (Approx. by Wt.):</b>	8.25%

### 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	P <sub>2</sub> O <sub>5</sub>
54	35	0.9	1.4	0.3	7-8	0.6	0.2

### TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	1300	5,700	Nil
1500	1000	5,300	-0.1

Abrasion Loss after firing to 1500°F      less than 15cc

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