



**CLAYBURN INDUSTRIES LTD.**

33765 PINE STREET  
ABBOTSFORD, BC  
CANADA V2S 5C1  
PHONE: (604) 859-5288  
FAX: (604) 859-0424

## TECHNICAL DATA

### **CLAYBURN FIRECAST 60**

**CLAYBURN FIRECAST 60** is a high alumina, one component, no cement refractory designed to be installed by pumping, casting or by the **Jet Cast** method. Quick installation and dry-out, good abrasion and thermal shock resistance are features of this product. **CLAYBURN FIRECAST 60** is recommended for use in reheat furnaces, ladles, car tops and other applications where a rapid heat-up is desired and thermal shock conditions are present.

<b>SERVICE TEMPERATURE:</b>	3000°F
<b>MATERIAL REQUIRED FOR ESTIMATING:</b>	150 lbs./cu. ft.
<b>WATER ADDITION:</b>	5 - 6 %

### **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>	CaO	Other
58	39	0.9	1.6	0.1	0.4

### **TYPICAL PHYSICAL PROPERTIES**

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
250	700	4,000	Nil
1500	900	5,900	-0.1
2500	2,500	>10,000	-0.3

**ABRASION LOSS AFTER 1500°F**                      3 - 5 cc loss

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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.