



**CLAYBURN INDUSTRIES LTD.**

33765 PINE STREET  
ABBOTSFORD, BC  
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**TECHNICAL DATA**

**CLAYBURN ASAP CAST 60 LC**

CLAYBURN ASAP CAST 60 LC is a high alumina, very strong, thermal shock resistant, mullite based low cement castable that can be vibrated, pumped or shotcreted into place and can be dried out quickly. CLAYBURN ASAP CAST 60 LC is recommended wherever abrasion or alkali attack is a problem.

**SERVICE TEMPERATURE:** 3000°F  
**MATERIAL REQUIRED FOR ESTIMATING:** 150 lbs./cu. ft.  
**CASTING WATER:** 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>	MgO	CaO	Alkalies	Other
55.6	38.6	0.9	1.6	0.1	2.3	0.2	0.3

**TYPICAL PHYSICAL PROPERTIES**

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	2370	11,900	Nil
1500	2520	12,600	-0.2

**Abrasion Loss after firing to 1000°F** 5-6 cc (vibrated)  
**Abrasion Loss after firing to 1500°F** 4-5 cc (vibrated)  
6-7 cc (pumped)

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The data presented 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 specification purposes.