



CLAYBURN INDUSTRIES LTD.

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TECHNICAL DATA

CLAYBURN ASAP CAST 60Z LC

CLAYBURN ASAP CAST 60Z LC is a high alumina, mullite and zircon low cement castable that can be vibrated, pumped or shotcreted into place. Heat up can be faster than traditional heating schedules. CLAYBURN ASAP CAST 60Z LC is recommended wherever abrasion or alkali attack is a problem such as in coolers and pre-heater towers.

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

TYPICAL CHEMICAL ANALYSIS
 (Calcined Basis)

| Al ₂ O ₃ | SiO ₂ | Fe ₂ O ₃ | TiO ₂ | MgO | CaO | Alkalies | Zircon |
|--------------------------------|------------------|--------------------------------|------------------|-----|-----|----------|--------|
| 53 | 37 | 0.9 | 1.6 | 0.1 | 2.2 | 0.2 | 4-5 |

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)

145920 – 10/17/05

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.