



CLAYBURN INDUSTRIES LTD.

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ABBOTSFORD, BC
CANADA V2S 5C1
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TECHNICAL DATA

CLAYBURN CAST 60 L-2

CLAYBURN CAST 60 L-2 is a true 60% alumina conventional castable. It has high strengths, low iron, thermal shock resistance and volume stability. Often used as a general purpose high alumina castable, CLAYBURN CAST 60 L-2 shows excellent resistance to iron and steel slags.

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|--|------------------|
| SERVICE TEMPERATURE: | 3100°F |
| MATERIAL REQUIRED FOR ESTIMATING: | 147 lbs./cu. ft. |
| CASTING WATER: | 9-10% |

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

| Al ₂ O ₃ | SiO ₂ | Fe ₂ O ₃ | TiO ₂ | MgO | CaO | Alkalies | Other |
|--------------------------------|------------------|--------------------------------|------------------|-----|-----|----------|-------|
| 62.3 | 31.2 | 0.9 | 1.7 | 0.1 | 3.5 | 0.2 | 0.1 |

TYPICAL PHYSICAL PROPERTIES

| Prefired to °F | Modulus of Rupture, psi | Cold Crushing Strength, psi | Linear Change % |
|-------------------|----------------------------|--------------------------------|--------------------|
| 250 | 1100 | 3,470 | Nil |
| 1500 | 780 | 3,500 | -0.1 |
| 2000 | 600 | 2,500 | -0.1 |
| 2500 | 1800 | 5,150 | +0.4 |
| 3000 | 2450 | 7,290 | +1.8 |

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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.