



RENO REFRACTORIES, INC

RENO CAST 60 CLC

TECHNICAL DATA SHEET

RENO CAST 60 CLC is a coarse grain, low cement, low moisture, mullite based castable that provides high strength, low porosity and high abrasion resistance. It has a heavy body feel but yet is easy to cast into place.

SERVICE TEMPERATURE: 3000°F
MATERIAL REQUIRED FOR ESTIMATING: 148 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 | Other |
|--------------------------------|------------------|--------------------------------|------------------|-----|-----|----------|-------|
| 59.8 | 34.9 | 0.9 | 1.6 | 0.1 | 2.0 | 0.2 | 0.5 |

TYPICAL PHYSICAL PROPERTIES

| Prefired to °F | Modulus of Rupture, psi | Cold Crushing Strength, psi | Linear Change % |
|----------------|-------------------------|-----------------------------|-----------------|
| 250 | 1,330 | 5,370 | -0.1 |
| 1500 | 2,540 | 9,500 | -0.2 |
| 2000 | 3,120 | 8,890 | Nil |
| 2500 | 3,060 | - | +0.9 |
| 3000 | 3,330 | 13,320 | Nil |

ABRASION LOSS after 1500°F: 3.7cc

PACKAGING: 55 lb. Bags, 72 per Pallet (3,960 LBS.)

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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.

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