



PRODUCT DATA

Brand Name:

QUIKTURN 60LQY PC

Description: An alkali-resistant 60% alumina castable that can be installed using vibration casting, pumping, or wet shotcreting methods. This product has been formulated to be resistant to alkali attack. After the final set, this unique castable can be heated without the traditional ramp-and-hold heatup schedule. Refer to the recommended QUIKTURN heatup schedule for the initial heatup.

**Physical properties shown are average values of samples taken under controlled conditions
ASTM test methods used where applicable**

Maximum Service Temperature: 3100°F (1704°C)

Typical Water Required for Mixing (by weight) :

| | |
|-------------------------|------|
| Pumping Casting | 6.5% |
| Vibration Casting | 5.7% |

Bulk Density (pcf)

After 220°F (105°C)
After 1500°F (815°C)

Pump Cast Data

| | |
|-----|---------------------------|
| 150 | (2.40 g/cm ³) |
| 150 | (2.40 g/cm ³) |

Cold Crushing Strength (psi)

After 1500°F (815°C)

9700 (679 kg/cm²)

Permanent Linear Change (%)

After 1500°F (815°C)

-0.2

Typical Chemical Analysis (%)

(Calcined Basis)

| | |
|--|------|
| Alumina (Al ₂ O ₃) | 55.0 |
| Silica (SiO ₂) | 40.6 |
| Iron Oxide (Fe ₂ O ₃) | 1.0 |
| Titania (TiO ₂) | 1.7 |
| Lime (CaO) | 1.5 |
| Alkalis (Na ₂ O+K ₂ O) | 0.2 |

Standard Packaging: 55 lb bag. 72 bags per pallet. Bulk packaging available.

Brand Code: 7637

The properties shown on this data sheet represent typical average results using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.

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11/08/2023 is the date that this data sheet was updated. Check with your RESCO sales representative or RESCO website to determine you have the current sheet.

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