

Quikturn Gun Mixes

Product Data

QUIKTURN 60G

QUIKTURN 60G is a 60% Alumina, Mullite based, ultra-low cement gun mix. This product is recommended for new and full lining repairs using anchored construction. After the initial set, the furnace lining can be returned to operation without curing or the traditional controlled heating schedule. **QUIKTURN 60G** has excellent strength, alkali and abrasion resistance. The following is gunned data:

| | | | | | |
|---|--|--------------------------------|------------------|-----|----------|
| <u>Maximum Service Temperature:</u> | 1700°C | | | | |
| <u>Bulk Density:</u> After 815°C | 2080 - 2240 kg/m ³ | | | | |
| <u>Cold Crushing Strength:</u> After 815°C After 1600°C | 379 - 552 kg/cm ² 620 - 827 kg/cm ² | | | | |
| <u>Modulus of Rupture:</u> After 815°C | 103 - 172 kg/cm ² | | | | |
| <u>Erosion Loss:</u> After 815°C | Less than 12 cc | | | | |
| <u>Permanent Linear Change(%):</u> Green to 110°C 110°C to 815°C | 0.0 to -0.1 -0.1 to -0.3 | | | | |
| <u>Conductivity or "K" Factor:</u> Mean Temp. | BTU/ft ² /HR/°F/in | W/mK | | | |
| 1000°F (540°C) | 10.0 | 1.44 | | | |
| 1500°F (815°C) | 10.0 | 1.44 | | | |
| 2000°F (1095°C) | 10.0 | 1.44 | | | |
| <u>Typical Chemical Analysis(%):</u> | | | | | |
| Al ₂ O ₃ | SiO ₂ | Fe ₂ O ₃ | TiO ₂ | CaO | Alkalies |
| 57.5 | 36.0 | 0.9 | 1.8 | 1.0 | 0.2 |

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled conditions 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. RESCO PRODUCTS disclaims any expressed or implied warranties based on this sheet. 01/08/13 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