

Quikturn Gun Grades

Product Data

QUIKTURN 30SCG

QUIKTURN 30SCG is a 30% Silicon Carbide, 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 30SCG** has excellent strength, alkali and abrasion resistance. The following is gunned data:

<u>Maximum Service Temperature:</u>	1500°C
<u>Bulk Density:</u> Fired to 815°C	2230 - 2330 kg/m ³
<u>Cold Crushing Strength:</u> Fired to 815°C Fired to 1500°C	525 - 840 kg/cm ² 700 - 1050 kg/cm ²
<u>Modulus of Rupture:</u> Fired to 815°C	140 - 210 kg/cm ²
<u>Erosion Loss:</u> Fired to 815°C	Less than 12 cc (Typical loss 7-9 cc)

Typical Conductivity or "K" Factor

<u>Mean Temp</u>	<u>BTU/FT²/Hr/°F/in</u>	<u>W/mK</u>
@ 540°C	22.2	3.20
@ 815°C	27.0	3.90

Permanent Linear Change(%):

Green to 815°C	-0.1 to -0.3
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Typical Chemical Analysis(%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	CaO	Sic
41.7	24.7	0.6	1.15	0.91	30.1

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