Vibratables

Product Data

QUIKTURN 56SCG

QUIKTURN 56SCG is a 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 56SCG** has excellent strength, alkali and abrasion resistance. The following is gunned data:

Maximum Service Temperature: 1480°C

Bulk Density:

Fired to 815°C 2300 - 2400 kg/m^3

Cold Crushing Strength:

Fired to 815°C 550 - 840 kg/cm^2
Fired to 1200 °C 600 - 900 kg/cm^2

Modulus of Rupture:

Fired to 815°C 180 - 230 kg/cm^2

Erosion Loss:

Fired to 815°C Less than 12 cc (Typical loss 7-9 cc)

Permanent Linear Change(%):

Green to 815°C -0.1 to -0.3
Green to 1200°C +0.1 to -0.1

Conductivity or "K" Factor:

Mean Temp.	BTU/ft^2/HR/°F/in	W/mK
1000°F (540°C)	38.0	5.48
1500°F (815°C)	40.0	5.77
2000°F (1095°C)	44.0	6.34

Typical Chemical Analysis(%):

Al_2O_3	SiO_2	Fe_2O_3	TiO_2	CaO	Alkalis	SiC
27.5	14.4	0.3	0.45	1.15	0.14	54.8

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.
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