

# Vibratables

## Product Data

### R-MAX G(QT)

**R-MAX G(QT)** is a 1760°C High Performance Gunmix. 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 the traditional controlled ramp / hold heating schedule. **R-MAX G(QT)** has excellent strength, and abrasion resistance.

The data shown are average test results following the guidelines set forth in ASTM C-903; "Preparing Refractory Concrete Specimens by Cold Gunning".

**Maximum Service Temperature:** 1760°C

**Bulk Density:**

Fired to 815°C 2464 kg/m<sup>3</sup>

**Cold Crushing Strength:**

Fired to 815°C 700 - 980 kg/cm<sup>2</sup>

**Erosion Loss:**

Fired to 815°C Less than 8 cc

**Permanent Linear Change(%):**

Fired to 815°C 0.0 to -0.4

**Conductivity or "K" Factor:**

Mean Temp.	BTU/ft <sup>2</sup> /HR/°F/in	W/mK
1000°F ( 540°C)	14.4	2.09
1500°F ( 815°C)	14.7	2.13
2000°F (1095°C)	15.0	2.18

**Typical Chemical Analysis(%):**

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	CaO	Alkalies
75.8	14.9	0.9	2.5	1.5	0.3

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