Vibratables

Product Data

R-MAX PC QT

R-MAX PC QT is a Low Cement, 80% Alumina Castable with Outstanding Abrasion Resistance that can be installed by vibration casting or Pumpcasting. After the final set, this unique Castable can be heated without the traditional controlled heating schedule. Ideal applications for this product include areas of severe abrasion, where refractory heatup is difficult to control or a shorter heatup schedule is desired.

Maximum Service Temperature: $1760^{o}C$

Bulk Density:

After $815^{o}C$ $2784 \ kg/m^{3}$

Cold Crushing Strength:

After $815^{o}C$ $1505 \ kg/cm^{2}$

Erosion Loss using ASTM C-704 Method :

After $815^{o}C$ 3.0 cc (typical)

Permanent Linear Change(%):

After $540^{o}C$ 0.0 to -0.2

Typical Chemical Analysis(%):

Al_2O_3	SiO_2	Fe_2O_3	TiO_2	CaO	MgO	Alkalies
80.2	14.2	1.1	2.7	1.1	0.2	0.5

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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PUMPCAST DATA SHOWN ON PAGE 2

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Product Data

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Pump Cast Data (Typical)

% Water to Pumpcast, by weight   5.5%

Bulk Density :

After 815⁰C   2752 kg/m³

Cold Crushing Strength :

After 815⁰C   1015 kg/cm²

Permanent Linear Change (%) :

After 815⁰C   0.0 to -0.2

Erosion Loss using ASTM C-704 Method :

After 815⁰C   3.5 cc (typical)