

Vibratables

Product Data

R-MAX PC QT (A)

R-MAX PC QT(A) 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. R-Max PC QT(A) contains a Aluminium non-wetting additive. **Vibration Cast Data;**

Maximum Service Temperature: 1760°C

% Water Added to Cast : 4.5% (typical)

Bulk Density:

After 815°C 2784 kg/m³

Cold Crushing Strength:

After 815°C 1505 kg/cm²

Erosion Loss using ASTM C-704 Method :

After 815°C 3.0 cc (typical)

Permanent Linear Change(%):

After 540°C 0.0 to -0.2

Typical Chemical Analysis(%):

Al ₂ O ₃	SiO ₂	Fe ₂ O 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. 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

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Pump Cast Data (Typical)

<u>% Water to Pumpcast, by weight</u>	5.5%
<u>Bulk Density :</u>	
After 815°C	2752 kg/m ³
<u>Cold Crushing Strength :</u>	
After 815°C	1015 kg/cm ²
<u>Permanent Linear Change (%) :</u>	
After 815°C	0.0 to -0.2
<u>Erosion Loss using ASTM C-704 Method :</u>	
After 815°C	3.5 cc (typical)