PRODUCT DATA

Brand Name: **QUIKTURN 60 Z PC**

Description: QUIKTURN 60Z PC is an ultra low cement 55% alumina castable with a zircon addition, that features excellent strengths, alkali resistance, abrasion resistance. The zircon addition increases resistance to cement dust buildup. This product can be vibration cast, pumped, or shotcreted. After the initial set, this unique castable can be heated without the use of the traditional ramp-and-hold heating schedule.

Typical Water Addition for Mixing (by weight) :

For Vibration Casting **5.5%**

For Pump Casting **7.0%**

Maximum Service Temperature ..... **3100°F (1700°C)**

Data based on Pumpcast Samples

Bulk Density (pcf)

After 230°F (110°C)	**153**	**(2448 kg/m^3)**
After 1500°F (815°C)	**153**	**(2448 kg/m^3)**

Cold Crushing Strength (psi)

After 1500°F (815°C)	**11,000**	**(770 kg/cm^2)**

Permanent Linear Change (%)

After 1500^{o}F (815 ^{o}C) **-0.2**

Erosion Loss using ASTM C-704 Method

After 1500°F (815°C), cc loss: **12 cc (max)**

Thermal Conductivity or "K" Factor

Mean Temperature	BTU/ft^2/Hr/°F/inch	W/mK
1000°F (540°C) :	**10.0**	**1.44**
1500°F (815°C) :	**10.0**	**1.44**
2000°F (1095°C) :	**10.0**	**1.44**

Typical Chemical Analysis (%)

Al_2O_3	**54.8**
SiO_2	**38.1**
Fe_2O_3	**1.0**
TiO_2	**1.7**
CaO	**0.9**
Alkalies	**0.2**
ZrO_2	**3.3**

Standard Packaging: 55 lb bag; 72 bags per pallet ; bulk packaging available

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), 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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