



PRODUCT DATA

Brand Name: **Vibrocast 60Z PC**

Description: A 60% alumina, low cement castable containing zircon. This product can be installed using vibration casting, pumping, and shotcrete installation methods.

Maximum Service Temperature 3100°F (1700°C)

Bulk Density (lb/ft³)

After 220°F (100°C)	158	(2528 kg/m ³)
After 1500°F (815°C)	157	(2512 kg/m ³)

Cold Crushing Strength (lb/in²)

After 1500°F (815°C)	10,000 to 14,000	(700 to 980 kg/cm ²)
----------------------	------------------	----------------------------------

Modulus of Rupture (lb/in²)

After 1500°F (815°C)	1400 to 2000	(98 to 140 kg/cm ²)
----------------------	--------------	---------------------------------

Permanent Linear Change (%)

After 1500°F (815°C)	-0.1 to -0.3
----------------------	--------------

Erosion Loss using ASTM C704 Method

After 1500°F (815°C):	8 cc (max)
-----------------------	------------

Typical Chemical Analysis (%)

Al ₂ O ₃	57.1 %
SiO ₂	35.2
ZrO ₂	3.3
Fe ₂ O ₃	0.9
TiO ₂	1.5
CaO	1.6
Alkalies	0.2

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

This data represents average properties and should not be considered guaranteed specifications
RESCO PRODUCTS disclaims any express or implied warranties based on this sheet.

10/20/2004 is the date this data sheet was published. Check with your RESCO sales office to make sure you have a current data sheet, since this technical data may have changed.

MCL

Penn Center West, Building 2 - Suite 430, Pittsburgh, PA, 15276

Phone: 888-283-5505