



PRODUCT DATA

Brand Name: VIBROCAST EZ 80

Description: A low cement 80% alumina castable that features improved flow characteristics during casting. This product should be installed using vibration casting methods

Maximum Service Temperature 3200°F (1760°C)

Typical Water Required for Mixing :
Vibration Cast 5.0% to 5.5%

Bulk Density (lb/ft³)

After 220°F (100°C)	171	(2736 kg/m ³)
After 1500°F (815°C)	168	(2688 kg/m ³)

Cold Crushing Strength (lb/in²)

After 1500°F (815°C)	10,000- 13,000	(700- 910 kg/cm ²)
After 2500°F (1370°C)	16,000- 20,000	(1120-1400 kg/cm ²)

Modulus of Rupture (lb/in²)

After 1500°F (815°C)	2700- 3100	(189- 217 kg/cm ²)
After 2500°F (1370°C)	2800- 3200	(196- 224 kg/cm ²)

Permanent Linear Change (%)

After 1500°F (815°C)	-0.1 to -0.4
After 2500°F (1370°C)	0.0 to +0.2
After 2910°F (1600°C)	+1.5 to +2.5

Typical Chemical Analysis (%)

Al ₂ O ₃	79.1 %
SiO ₂	14.4
Fe ₂ O ₃	1.4
TiO ₂	2.9
CaO	1.5
Other	0.7

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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