

PRODUCT

ULTRA-TEK 60 VC
LOW CEMENT VIBRATION CASTABLE

REFRACTORIES

TECHNICAL DATA

PHYSICAL PROPERTIES (vibration cast data)

Maximum Service Temperature	3000°F
Lbs. Required Dry Mix per Cu. Ft.	154 lbs.
% Water by Weight Required for Casting	5.0 – 5.5%
Bulk Density After Drying	158 lbs./cu. ft.
<u>Modulus of Rupture</u>	
After Drying	1500 – 2200 psi
At 1500°F	4000 – 6000 psi
At 2550°F	1100 – 1700 psi
<u>Permanent Linear Change</u>	
After 1500°F	0.0 to -0.2%
After 2550°F	+0.5 to +1.2%
<u>Abrasion Loss After 1500°F</u>	3.5 cc
<u>Cold Crushing Strength After 1500°F</u>	12000 – 18000 psi

CHEMISTRY

Silica	[SiO ₂]	36.5%
Alumina	[Al ₂ O ₃]	58.2%
Iron Oxide	[Fe ₂ O ₃]	0.9%
Lime	[CaO]	1.9%
Titania	[TiO ₂]	1.5%
Trace minerals and Alkalis		1.0%

NOTE: All data subject to reasonable deviation and should not be used for specification purposes.

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