

PRODUCT

ULTRA-TEK 65 AL C
ALUMINUM RESISTANT, LOW CEMENT,
COARSE CASTABLE

REFRACTORIES

TECHNICAL DATA

PHYSICAL PROPERTIES

Maximum Service Temperature	2800°F
Lbs. Required Dry Mix per Cu. Ft.	163 lbs.
% Water by Weight Required for Vibration Casting	5.0%
Bulk Density After Drying	166 lbs./cu. ft.
<u>Modulus of Rupture</u>	
After Drying	1,800 – 2,400 psi
At 1500°F	3,500 – 4,500 psi
<u>Cold Crushing Strength</u>	
After 1500°F	10,000 – 15,000 psi
<u>Permanent Linear Change</u>	
After 1500°F	0.0 to - 0.3%

CHEMICAL ANALYSIS

Silica	[SiO ₂]	30.3%
Alumina	[Al ₂ O ₃]	62.5%
Iron Oxide	[Fe ₂ O ₃]	0.8%
Lime	[CaO]	1.9%
Titania	[TiO ₂]	1.6%
Other		2.9%

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

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