

PRODUCT

ULTRA-TEK 60 ALKZ NC

**NO CEMENT, ALKALI RESISTANT CASTABLE
AND PUMP MIX**

REFRACTORIES

TECHNICAL DATA

PHYSICAL DATA

Vibration Cast

Self-Leveling

Maximum Service Temperature	3000°F	3000°F
Water by Weight Required for Casting	5.0%	5.8%
Bulk Density After Drying at 250°F	167 pcf	160 pcf
Modulus of Rupture MOR after Drying at 250°F	1,900 psi	1,300 psi
MOR after 1500°F	2,500 psi	2,000 psi
HMOR at 2550°F	1,800 psi	1,450 psi
Cold Crushing Strength After Heating to 1500°F	10,600 psi	9,800 psi
C-704 Abrasion Resistance After Heating to 1500°F	7 cc	8 cc
Permanent Linear Change After Heating to 1500°F	0.1%	0.1%
After Heating to 2550°F	+1.1%	+1.1%

CHEMICAL ANALYSIS

Silica	[SiO ₂]	36.1%
Alumina	[Al ₂ O ₃]	57.5%
Iron Oxide	[Fe ₂ O ₃]	0.7%
Lime	[CaO]	0.1%
Zirconium Oxide	[ZrO ₂]	3.7%
Titania	[TiO ₂]	1.2%
Other		0.7%

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

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MT. SAVAGE

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