

PRODUCT

ULTRA-TEK 60 AL GUN MIX
LOWER CEMENT,
ALUMINUM RESISTANT GUN MIX

REFRACTORIES

TECHNICAL DATA

PHYSICAL PROPERTIES

Maximum Service Temperature	2800°F
Lbs. Required Dry Mix per Cu. Ft.	148 lbs.
% Water by Weight Required for Gunning	8 - 10%
Bulk Density After Drying	152 lbs./cu.ft.
<u>Modulus of Rupture</u>	
After Drying	1,200 – 1,600 psi
At 1500°F	1,200 – 1,600 psi
<u>Cold Crushing Strength</u>	
After 1500°F	6,000 – 10,000 psi
<u>Permanent Linear Change</u>	
After 1500°F	0.0 to -0.3%
After 2550°F	0.5 to +1.0%

CHEMICAL ANALYSIS

Silica	[SiO ₂]	34.2%
Alumina	[Al ₂ O ₃]	57.5%
Iron Oxide	[Fe ₂ O ₃]	0.9%
Lime	[CaO]	2.9%
Titania	[TiO ₂]	1.5%
Other Minerals		3.0%

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

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