

ULTRA-TEK 65
LOW CEMENT, SELF FLOWING CASTABLE,
PUMP MIX and SHOTCRETE MIX

PHYSICAL DATA

Vibration Cast

Self-Leveling

Maximum Service Temperature	3100°F	3100°F
Water by Weight Required for Casting	5.0%	5.8%
Bulk Density		
After Drying at 250°F	160 pcf	156 pcf
Modulus of Rupture		
After Drying at 250°F	2,000 psi	1,600 psi
After Heating to 1500°F	3,100 psi	2,700 psi
At 2550°F	1,600 psi	1,250 psi
At 2700°F	800 psi	600 psi
Cold Crushing Strength		
After Heating to 1500°F	15,000 psi	12,000 psi
Permanent Linear Change		
After Heating to 1500°F	-0.1%	-0.1%
After Heating to 2550°F	+0.4%	+0.4%
After Heating to 2700°F	+0.3%	+0.3%

CHEMICAL ANALYSIS

Silica	[SiO ₂]	29.9%
Alumina	[Al ₂ O ₃]	65.8%
Iron Oxide	[Fe ₂ O ₃]	0.9%
Lime	[CaO]	1.5%
Titania	[TiO ₂]	1.7%
Other		0.2%

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

3180

