

PRODUCT**ULTRA-TEK 60 NC**
NO CEMENT, SELF FLOWING CASTABLE and
PUMP MIX**REFRACTORIES****TECHNICAL DATA****PHYSICAL DATA****Vibration Cast****Self-Leveling**

Maximum Service Temperature

3100°F

3100°F

Water by Weight Required for Casting

5.2%

6.0%

Bulk Density

After Drying at 250°F

158 pcf

155 pcf

Modulus of Rupture

After Drying at 250°F

1100 psi

900 psi

HMOR At 1500°F

1700 psi

1200 psi

HMOR At 2550°F

1800 psi

1500 psi

HMOR At 2700°F

600 psi

500 psi

Cold Crushing Strength

After Heating to 1500°F

5000 psi

3700 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 ANALYSISSilica [SiO₂]

37.6%

Alumina [Al₂O₃]

59.4%

Iron Oxide [Fe₂O₃]

1.2%

Lime [CaO]

0.1%

Titania [TiO₂]

1.6%

Other

0.1%

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

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