

PRODUCT

ULTRA-TEK 65 UL

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

REFRACTORIES

TECHNICAL DATA

PHYSICAL DATA

Vibration Cast

Self-Leveling

Maximum Service Temperature

3100 °F

3100 °F

Water by Weight Required for Casting

5.0%

6.0%

Bulk Density

After Drying at 250°F

158 pcf

154 pcf

Modulus of Rupture

After Drying at 250°F

2,000 – 2,800 psi

1,200 – 1,800 psi

After Heating to 1500°F

4,000 – 6,000 psi

2,800 – 4,000 psi

At 2550°F

1,400 – 2,000 psi

1,200 – 1,800 psi

Cold Crushing Strength

After Drying at 250°F

10,000 – 16,000 psi

8,000 – 13,000 psi

After Heating to 1500°F

12,000 – 20,000 psi

10,000 – 15,000 psi

C-704 Abrasion Resistance

After Heating to 1500°F

3.8 cc

4.5 cc

Permanent Linear Change

After Heating to 1500°F

0.0 to -0.2%

0.0 to -0.2%

After Heating to 2550°F

+0.5 to +1.4 %

+0.5 to +1.4 %

CHEMICAL ANALYSIS

Silica [SiO₂]

35.3%

Alumina [Al₂O₃]

61.0%

Iron Oxide [Fe₂O₃]

0.8%

Lime [CaO]

0.9%

Titania [TiO₂]

1.5%

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

0911



MT. SAVAGE

SPECIALTY REFRACTORIES COMPANY • Pittsburgh, Pa. 15127 •