

PRODUCT

ULTRA-TEK 60 ULC
ULTRA-LOW CEMENT, SELF FLOWING CASTABLE,
PUMP MIX, COARSE AGGREGATE

REFRACTORIES

TECHNICAL DATA

PHYSICAL DATA

| | Vibration Cast | Self-Leveling |
|------------------------------------------------------|---------------------|--------------------|
| Maximum Service Temperature | 3000°F | 3000°F |
| Water by Weight Required for Casting | 5.0 % | 6 % |
| Bulk Density After Drying at 250°F | 165 pcf | 157 pcf |
| Modulus of Rupture After Drying at 250°F | 1,100 – 1,700 psi | 900 – 1,400 psi |
| After Heating to 1500°F | 2,400 – 3,000 psi | 1,800 – 2,400 psi |
| At 2550°F | 600 – 1,800 psi | 500 – 800 psi |
| Cold Crushing Strength After Drying at 250°F | 8,500 – 14,000 psi | 7,000 – 12,000 psi |
| After Heating to 1500°F | 10,000 – 16,000 psi | 8,000 – 14,000 psi |
| C-704 Abrasion Resistance After Heating to 1500°F | 5.0 cc | 6.0 cc |
| Permanent Linear Change After Heating to 1500°F | 0.0 to -0.4% | 0.0 to -0.4% |
| After Heating to 2700°F | +0.5 to +1.2% | +0.5 to +1.2% |

CHEMICAL ANALYSIS

| | | |
|------------|-----------------------------------|-------|
| Silica | [SiO ₂] | 35.4% |
| Alumina | [Al ₂ O ₃] | 60.4% |
| Iron Oxide | [Fe ₂ O ₃] | 1.0% |
| Lime | [CaO] | 1.0% |
| Titania | [TiO ₂] | 1.9% |
| Other | | 0.3% |

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

2110



MT. SAVAGE
SPECIALTY REFRACTORIES COMPANY • Pittsburgh, Pa. 15127 •