PHYSICAL PROPERTIES

Maximum Service Temperature 2800°F
Lbs. Required Dry Mix per Cu. Ft. 163 lbs.
% Water by Weight Required for Vibration Casting 5.0%
Bulk Density After Drying 166 lbs./cu. ft.

Modulus of Rupture
After Drying 1,800 – 2,400 psi
At 1500°F 3,500 – 4,500 psi

Cold Crushing Strength
After 1500°F 10,000 – 15,000 psi

Permanent Linear Change
After 1500°F 0.0 to - 0.3%

CHEMICAL ANALYSIS

Silica [SiO₂] 30.3%
Alumina [Al₂O₃] 62.5%
Iron Oxide [Fe₂O₃] 0.8%
Lime [CaO] 1.9%
Titania [TiO₂] 1.6%
Other 2.9%

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