

## SPARCAST LC 32 BL

**SPARCAST LC 32 BL** is a high alumina, low cement, vibrating castable.

### PHYSICAL PROPERTIES

|                                |   |
|--------------------------------|---|
| Maximum Service Temperature    | 3200°F  |
| Dry Castable Requirement       | 166 - 173 lbs./cu.ft.                             |
| Mix Water Required: Vibrating  | 5.8 – 6.4 %                                       |
| Bulk Density after 230°F       | 171 - 177 lbs./cu.ft.                             |
| Modulus of Rupture             |   |
| After Heating to 1500°F        | 1300-2000 lbs/sq.in                               |
| After Heating to 2250°F        | 1400-2100 lbs/sq.in                               |
| Cold Crushing Strength         |   |
| After Heating to 1500°F        | 7500-11000 lbs/sq.in                              |
| After Heating to 2250°F        | 8500-12000 lbs/sq.in.                             |
| Linear Change, %               |   |
| After Heating to 1500°F        | 0.0 to -0.4                                       |
| After Heating to 2250°F        | 0.0 to -0.5                                       |
| Erosion Resistance (ASTM C704) | Less than 10 cc loss.<br>(Typical: 5 – 7 cc loss) |
| Typical Chemical Analysis, %   |   |
| Al <sub>2</sub> O <sub>3</sub> | 79.8  |
| SiO <sub>2</sub>               | 14.5  |
| CaO                            | 1.1   |
| TiO <sub>2</sub>               | 2.8   |
| Fe <sub>2</sub> O <sub>3</sub> | 1.2   |
| MgO                            | 0.3   |
| Alkalies                       | 0.3   |

**SPARCAST LC 32 BL** is available in 55<sup>#</sup> bags and bulk bags, palletized and shrink-wrapped.

### NOTE: CASTABLES MUST BE STORED IN A DRY PLACE

Data shown are average results of standard ASTM tests unless otherwise noted. Results may vary subject to variations in manufacturing, testing, and installation procedures in the field.