

SPARCAST LC 32 FF

SPARCAST LC 32 FF is a high purity, low moisture, low cement castable designed to flow with little or no vibration.

PHYSICAL PROPERTIES

| | |
|--------------------------------|------------------------|
| Maximum Service Temperature | 3200°F |
| Dry Castable Requirement | 154 - 162 lbs./cu.ft. |
| Mix Water Required: Vibrating | 4.0 - 5.0 |
| (% by Weight) Pumping | 5.0 - 6.0 |
| Bulk Density after 230°F | 159 - 168 lbs./cu.ft. |
| Modulus of rupture | |
| After Drying at 230°F | 2000-2500 lbs/sq.in. |
| After Heating to 1500°F | 2500-3300 lbs/sq.in. |
| After Heating to 2250°F | 2500-3500 lbs/sq.in. |
| Cold Crushing Strength | |
| After Drying at 230°F | 12000-18000 lbs/sq.in. |
| After Heating to 1500°F | 12000-18000 lbs/sq.in. |
| After Heating to 2250°F | 13000-19000 lbs/sq.in. |
| Linear Change, % | |
| After Drying at 230°F | 0.0 to -0.5 |
| After Heating to 1500°F | 0.0 to -0.5 |
| After Heating to 2250°F | 0.0 to -0.5 |
| Typical Chemical Analysis, % | |
| Al ₂ O ₃ | 65.1 |
| SiO ₂ | 30.3 |
| CaO | 1.5 |
| TiO ₂ | 1.9 |
| Fe ₂ O ₃ | 0.9 |
| MgO | 0.1 |
| Alkalies | 0.2 |

SPARCAST LC 32 FF is available in 55[#] bags and various sized 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.