

SPARCAST 32 GRF PRODUCT INFORMATION

SPARCAST 32 GRF is a low iron, high purity refractory castable designed for gunning.

PHYSICAL PROPERTIES

| | |
|--------------------------------|------------------------|
| Maximum Service Temperature | 3200°F |
| Dry Castable Requirement | 149 - 155 lbs./cu.ft. |
| Bulk Density after 230°F | 155 - 164 lbs./cu.ft. |
| Modulus of rupture | |
| After Drying at 230°F | 200 - 500 lbs/sq.in. |
| After Heating to 1500°F | 200 - 500lbs/sq.in |
| After Heating to 2250°F | 250 - 600 lbs/sq.in |
| Cold Crushing Strength | |
| After Drying at 230°F | 2000 - 4500 lbs/sq.in. |
| After Heating to 1500°F | 1500 - 4000 lbs/sq.in |
| After Heating to 2250°F | 1400 - 4000 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 | 79.2 |
| SiO ₂ | 13.8 |
| CaO | 2.7 |
| TiO ₂ | 2.7 |
| Fe ₂ O ₃ | 1.2 |
| MgO | 0.2 |
| Alkalies | 0.2 |

The above are average results and do not constitute a specification.

SPARCAST 32 GRF is available in 50# bags, 100# bags, or various sized bulk bags, palletized and shrink-wrapped.

NOTE: CASTABLE MUST BE STORED IN DRY PLACE