

## SPARCAST 32

**SPARCAST 32** is a low iron, high purity refractory castable designed for casting, troweling, and gunning.

### PHYSICAL PROPERTIES

Maximum Service Temperature	3200°F
Dry Castable Requirement	149 - 155 lbs./cu.ft.
Approximate Water for Pouring	1.0 to 1.3 gal./100 lbs.
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	200-500 lbs/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 <sub>2</sub> O <sub>3</sub>	79.2
SiO <sub>2</sub>	13.8
CaO	2.7
TiO <sub>2</sub>	2.7
Fe <sub>2</sub> O <sub>3</sub>	1.2
MgO	0.2
Alkalies	0.2

**SPARCAST 32** is available in 55# bags and various size bulk bags, palletized and shrink-wrapped.

### **NOTE: CASTABLE MUST BE STORED IN 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.