

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 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

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.