

**SPARCAST 30**

**SPARCAST 30** is a high purity, low iron, hydraulic setting refractory castable.

**PHYSICAL PROPERTIES**

Maximum Service Temperature	3000°F
Dry Castable Requirement	135 lbs./cu.ft.
Mix Water Required	1.25 gal./100 lbs.
Bulk Density (at 230°F)	135-140 lbs./cu.ft
Modulus of Rupture	
After Drying at 230°F	500-800 lbs/sq.in.
After Heating to 1500°F	500-850 lbs/sq.in
After Heating to 2910°F	1500-2000 lbs/sq.in
Cold Crushing Strength	
After Drying at 230°F	2000-3500 lbs/sq.in.
After Heating to 1500°F	3000-5000 lbs/sq.in
After Heating to 2910°F	2500-3500 lbs/sq.in
Linear Change, %	
After Drying at 230°F	0.0
After Heating to 1500°F	0.0 to -0.2
After Heating to 2910°F	+0.1 to +0.8
Typical Chemical Analysis, %	
Al <sub>2</sub> O <sub>3</sub>	59.7
SiO <sub>2</sub>	31.7
CaO	5.0
TiO <sub>2</sub>	2.5
Fe <sub>2</sub> O <sub>3</sub>	0.9
MgO	0.1
Alkalies	0.1

**SPARCAST 30** is available in 50# bags, 100# bags or 3500# 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.