

**SPARCAST 30C**

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

**PHYSICAL PROPERTIES**

<b>Maximum Service Temperature</b>	3100°F
<b>Dry Castable Requirement</b>	135 lbs./cu.ft.
<b>Mix Water Required</b>	1.25 gal./100 lbs.
<b>Bulk Density (at 230°F)</b>	135-140 lbs./cu.ft
<b>Modulus of Rupture</b>	
After Drying at 230°F	500-800 lbs/sq.in.
After Heating to 1500°F	300-550 lbs/sq.in
After Heating to 2910°F	1500-2000 lbs/sq.in
<b>Cold Crushing Strength</b>	
After Drying at 230°F	2000-3500 lbs/sq.in.
After Heating to 1500°F	1500-3500 lbs/sq.in
After Heating to 2910°F	2500-3500 lbs/sq.in
<b>Linear Change, %</b>	
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
<b>Typical Chemical Analysis, %</b>	
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

**SPARCON 30C** is available in 50# bags or 3500# bulk bags, palletized and shrink-wrapped. Store 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.