

## SPARCAST LC 32 B FF

**SPARCAST LC 32 B FF** is a high purity, low moisture, low cement, vibrating castable.

### PHYSICAL PROPERTIES

Maximum Service Temperature	3200°F
Dry Castable Requirement	172 - 178 lbs./cu.ft.
Mix Water Required: Vibrating	5.0 – 5.8
(% by Weight) Ramming	4.5
Bulk Density after 230°F	179-189 lbs./cu.ft
Modulus of rupture	
After Drying at 230°F	1600-2200 lbs/sq.in..
After Heating to 1500°F	1700-2600 lbs/sq.in
After Heating to 2250°F	1700-2600 lbs/sq.in
Cold Crushing Strength	
After Drying at 230°F	10000-15000 lbs/sq.in.
After Heating to 1500°F	10000-15000 lbs/sq.in
After Heating to 2250°F	10000-15000 lbs/sq.in.
Linear Change, %	
After Drying at 230°F	0.0 to -0.5
After Heating to 1500°F	0.0 to -0.4
After Heating to 2250°F	0.0 to -0.5
Erosion Resistance (ASTM C704)	Less than 9 cc loss. (Typical: 4 – 6 cc loss)
Typical Chemical Analysis, %	
Al <sub>2</sub> O <sub>3</sub>	78.3
SiO <sub>2</sub>	15.9
CaO	1.6
TiO <sub>2</sub>	2.6
Fe <sub>2</sub> O <sub>3</sub>	1.1
MgO	0.2
Alkalies	0.3

**SPARCAST LC 32 B FF** is available in 55# bags and various sized bulk bags, palletized and shrink-wrapped.

### NOTE: CASTABLES MUST BE STORED 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.