

## **SPARCAST 28 ESG SSN**

**SPARCAST 28 ESG SSN** is an all purpose, extra high strength, general duty refractory castable. It can be installed by gunning or casting.

### **PHYSICAL PROPERTIES**

Maximum Service Temperature	2800°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	1100-1600 lbs/sq.in.
After Heating to 1500°F	900-1400 lbs/sq.in
After Heating to 2250°F	600-900 lbs/sq.in
Cold Crushing Strength	
After Drying at 230°F	7500-9000 lbs/sq.in.
After Heating to 1500°F	5500-7000 lbs/sq.in
After Heating to 2250°F	4000-6000 lbs/sq.in
Linear Change, %	
After Drying at 230°F	0.0
After Heating to 1500°F	0.0 to -0.3
After Heating to 2250°F	0.0 to -0.4
Typical Chemical Analysis, %	
Al <sub>2</sub> O <sub>3</sub>	50.6
SiO <sub>2</sub>	38.4
CaO	8.4
TiO <sub>2</sub>	1.3
Fe <sub>2</sub> O <sub>3</sub>	1.1
MgO	0.1
Alkalies	0.1

**SPARCAST 28 ESG SSN** is available in 50# 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.