

## SPARCAST LC 94 SP-G

**SPARCAST LC 94 SP-G** is a high purity alumina/spinel gun mix designed for withstanding high temperatures and reducing conditions. It offers high strengths and excellent resistance to slag and corrosion.

### PHYSICAL PROPERTIES

Maximum Service Temperature	3200°F
Dry Castable Requirement	170 - 173 lbs./cu.ft.
Typical Water for Predampening	0.5 to 1.0 quarts/50 lb
Modulus of Rupture.	
After Heating to 1500°F	750-1100 lbs/sq.in
After Heating to 2500°F	800-1200 lbs/sq.in
Cold Crushing Strength.	
After Heating to 1500°F	4000 – 6000 lbs/sq.in
After Heating to 2500°F	5000 – 7000 lbs/sq.in
Linear Change, %	
After Heating to 1500°F	0.0 to - 0.2
After Heating to 2500°F	-0.1 to - 0.3
Typical Chemical Analysis, %	
Al <sub>2</sub> O <sub>3</sub>	92.9
SiO <sub>2</sub>	0.1
CaO	2.9
Fe <sub>2</sub> O <sub>3</sub>	0.1
MgO	3.8
Alkalies	0.2

**SPARCAST LC 94 SP-G** is available in 50# bags and various sized-bulk bags, palletized and shrink-wrapped.

**NOTE: CASTABLE MUST BE STORED IN DRY PLACE**

Data shown are average results of standard ASTM testing unless otherwise noted. Results may vary subject to normal variations in manufacturing, testing, and installation procedures in the field.