

## SPARCAST LC 92 S PRODUCT INFORMATION

SPARCAST LC 92 S is a high alumina, silicon carbide fortified, low cement castable. It is very resistant to hot metal slags, erosion, corrosion, and abrasion.

### PHYSICAL PROPERTIES

Maximum Service Temperature	3200°F
Dry Castable Requirement	190.0 lbs./cu.ft.
Mix Water Required ( % by weight): Vibrating	4.2-4.8
Pumping	4.8-5.5
Bulk Density after 230°F	190 lbs./cu.ft
Modulus of rupture	
After Drying at 230°F	1600-2080 lbs/sq.in.
After Heating to 1500°F	1800-2200 lbs/sq.in
After Heating to 2250°F	1800-2500 lbs/sq.in
After Heating to 2910°F	2300-2800 lbs/sq.in
Cold Crushing Strength	
After Drying at 230°F	7650-9750 lbs/sq.in.
After Heating to 1500°F	7200-11,000 lbs/sq.in
After Heating to 2250°F	8250-13,000 lbs/sq.in
After Heating to 2910°F	10,300-16,000 lbs/sq.in
Linear Change, %	
After Drying at 230°F	0.0 to -0.5
After Heating to 1500°F	0.0 to -0.2
After Heating to 2250°F	0.0 to -0.5
After Heating to 2910°F	+0.2 to +0.8
Typical Chemical Analysis, %	
Al <sub>2</sub> O <sub>3</sub>	87
SiO <sub>2</sub>	5
Other	8

The above are average results and do not constitute a specification.

SPARCAST LC 92 S is available in 100# bags, 1000#, 2000#, and 3000# bulk bags, palletized and shrink-wrapped.

NOTE: CASTABLE MUST BE STORED IN DRY PLACE