

## SPARCON 32-10P

**SPARCON 32-10P** is a 3200°F, low cement castable that provides excellent resistance to abrasion and mechanical abuse. **SPARCON 32-10P** may be installed by vibration casting, pump casting and wet shotcreting.

### PHYSICAL PROPERTIES

#### Pumpcast Consistency

Maximum Service Temperature	3200°F
Bulk Density: 1500°F	158 - 162 lbs/cu.ft
Modulus of Rupture	
After Heating to 1500°F	1700 -2400 lbs/sq.in
After Heating to 2500°F	1800 -2500 lbs/sq.in
Cold Crushing Strength	
After Heating to 1500°F	10000-16000 lbs/sq.in
After Heating to 2500°F	11000-17000 lbs/sq.in
Linear Change, %	
After Heating to 1500°F	-0.1 to -0.3
After Heating to 2500°F	0.0 to -0.3
Erosion Resistance (ASTM C704)	
After Heating to 1500°F	Less than 10 cc loss (Typical Loss: 5 – 8 cc)
Typical Chemical Analysis, %	
Al <sub>2</sub> O <sub>3</sub>	59.6
SiO <sub>2</sub>	24.2
SiC	12.0
CaO	1.3
TiO <sub>2</sub>	1.8
Fe <sub>2</sub> O <sub>3</sub>	0.9
MgO	0.1
Alkalies	0.2

**SPARCON 32-10P** is available in 55<sup>#</sup> bags and 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.