

SPARCAST 28 P

SPARCAST 28 P is a low iron general duty castable designed for power plant ash hopper applications, stacks, or other areas where high strength to medium insulating values are required. **SPARCAST 28 P** is an excellent gunite material having very low rebound. **SPARCAST 28 P** can also be applied by casting or plastering.

PHYSICAL PROPERTIES

Maximum Service Temperature	2800°F	
Water Required for Casting(more for pumping)	3.5 to 4 qts. / 50 lb. bag	
	<u>Cast</u>	<u>Pump</u>
Bulk Density, lbs/ft ³	115 -118	112 - 115
Cold Crushing Strength, psi		
After Heating to 1500°F	5000 - 7000	4000 - 7000
Modulus of Rupture, psi		
After Heating to 1500°F	700 - 900	600 - 800
Linear Change, %		
After Heating to 1500°F	-0.0 to -0.3	-0.0 to -0.3

Thermal Conductivity:

<u>Mean Temp:</u>	<u>BTU/ft²/Hr/°F/in</u>
500°F	4.50
1000°F	5.00
1500°F	5.25

Typical Chemical Analysis, %

Al ₂ O ₃	49.8
SiO ₂	39.3
CaO	8.7
TiO ₂	1.1
Fe ₂ O ₃	0.6
MgO	0.1
Alkalies	0.4

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

SPARCAST 28 P is available in 50# bags, 1000#, 1500# and 2000# 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.