

SPARLITE 32

SPARLITE 32 is a 3200 degree bubble alumina insulating castable with high strength and good thermal conductivity.

PHYSICAL PROPERTIES

Maximum Service Temperature	3200°F
Approximate Water for Pouring	3.0-3.5 gal./100 lbs.
Bulk Density after 220°F	107 - 110 lbs./cu.ft

Cold Crushing Strength	
After Drying at 220°F	2000-2500 lbs/sq.in.
After Heating to 1500°F	5000-6000 lbs/sq.in

Linear Change, %	
After Drying at 1500°F	-0.0 to -0.4
After Heating to 3000°F	0.4 to -0.7

Thermal Conductivity	
<u>Mean Temp</u>	<u>BTU/ft²/ F/in</u>
500°F	3.0
1000°F	3.1
1500°F	3.25

Typical Chemical Analysis, %	
Al ₂ O ₃	75.9
SiO ₂	17.6
CaO	5.3
Fe ₂ O ₃	0.4
TiO ₂	0.5
MgO	0.1
Alkalies	0.2

SPARLITE 32 is available in 55# bags and various size 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.