

SPARLITE 3000

SPARLITE 3000 is a 3000° F, insulating castable. It is used primarily in soaking pit covers because of its light weight and excellent insulation characteristics. This product can be gunned or cast .

PHYSICAL PROPERTIES

Maximum Service Temperature	3000°F
Dry Castable Requirement	100-105 lbs./cu.ft.
Mixing Water Required (cast)	25.0 to 32.0%
Cold Crushing Strength	
After Heating to 1500°F	1000 – 1300 psi
After Heating to 2000°F	1200 – 1400 psi
Linear Change, %	
After Heating to 1500°F	-0.0 to -0.3
After Heating to 2550°F	-0.0 to +0.3
Typical Chemical Analysis, %	
Al ₂ O ₃	58.10
SiO ₂	34.16
CaO	5.62
TiO ₂	0.63
Fe ₂ O ₃	0.97
MgO	0.12
Alkalies	0.40

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

SPARLITE 3000 is available in 50# bags or 1000# bulk bags, palletized and shrink-wrapped.

NOTE: CASTABLES MUST BE STORED IN A 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.