

SPARLITE 25 PRODUCT INFORMATION

SPARLITE 25 is a very lightweight insulating castable with low thermal conductivity that can be cast or gunned. This product is rated for 2000°F.

PHYSICAL PROPERTIES

Maximum Service Temperature	2000°F	
Mix Water Required for Casting	125% to 150%	
Pre-Damp Water for Gunning	5 to 7 qts/25 lb. bag	
	<u>Cast</u>	<u>Gunit</u>
Bulk Density		
After Heating to 1500°F	23 - 28lbs/ft ³	28 - 33 lbs/ft ³
Cold Crushing Strength		
After Heating to 1500°F	50 - 100 psi	75 - 150 psi
Linear Change, %		
After Heating to 1500°F	-0.7 to -1.5%	-0.6 to -1.5%
Thermal Conductivity:		
<u>Mean Temp:</u>	<u>BTU/ft²/Hr/°F/in</u>	<u>BTU/ft²/Hr/°F/in</u>
500°F	0.90	1.00
1000°F	1.00	1.15
1500°F	1.15	1.30
Typical Chemical Analysis, %		
Al ₂ O ₃	33.0	
SiO ₂	25.7	
CaO	21.8	
TiO ₂	2.0	
Fe ₂ O ₃	6.0	
MgO	9.9	
Alkalies	1.6	

SPARLITE 25 is available in 25# bags and 500# 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.