

SPARLITE 75HS-2500

SPARLITE 75HS-2500 is a high strength, medium weight insulating castable suitable for hot face exposure as well as being a good insulator. **SPARLITE 75HS-2500** can be cast or gunned.

PHYSICAL PROPERTIES

Maximum Service Temperature	2500°F	
Water Required for Casting	29.0 – 31.0%	
Water Required for Predampening:	1 to 2 qts/50 lb. bag	
Bulk Density, lbs/ft ³	<u>Cast</u>	<u>Gunite</u>
	73 - 78	82 - 88
Cold Crushing Strength, psi		
	After Heating to 1500°F	1500 – 2200 2000 – 2800
Modulus of Rupture, psi		
	After Heating to 1500°F	400 – 500 450 - 550
Linear Change, %		
	After Heating to 1500°F	-0.1 to -0.3 -0.1 to -0.3
Thermal Conductivity:		
<u>Mean Temp:</u>	<u>BTU/ft²/Hr/°F/in</u>	
500°F	2.3	
1000°F	2.5	
1500°F	2.7	
Typical Chemical Analysis, %		
Al ₂ O ₃	30.4	
SiO ₂	49.7	
CaO	14.0	
TiO ₂	0.8	
Fe ₂ O ₃	4.2	
MgO	0.2	
Alkalies	0.6	

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

SPARLITE 75HS-2500 is available in 50# bags, 1000#, 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.