

SPARLITE LHP-124

SPARLITE LHP-124 is a pre-blended “Lumnite/Haydite/Perlite” type insulating castable that offers a high strength- to-insulation ratio of approximately 60 lb/ft³. This product has low thermal conductivity and can be cast or gunned.

PHYSICAL PROPERTIES

Maximum Service Temperature	2300°F	
Water Required for Casting	35% to 40%	
Water Required for Predampening:	1 to 2 qts / 50 lb. bag	
Bulk Density, lbs/ft ³	<u>Cast</u>	<u>Gunite</u>
	60 - 65	67 - 75
Cold Crushing Strength, psi		
	After Heating to 1500°F	500 - 800
Modulus of Rupture, psi		
	After Heating to 1500°F	200 - 300
Linear Change, %		
	After Heating to 1500°F	-0.2 to -0.5
Thermal Conductivity:		
<u>Mean Temp:</u>	<u>BTU/ft²/Hr/°F/in</u>	
500°F	1.80	
1000°F	1.70	
1500°F	1.70	

Typical Chemical Analysis, %

Al ₂ O ₃	30.8
SiO ₂	49.0
CaO	14.6
TiO ₂	0.9
Fe ₂ O ₃	3.4
MgO	0.3
Alkalies	1.1

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

SPARLITE LHP-124 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.