

SPARLITE 60P-HS

SPARLITE 60P-HS is a high strength 60 lb. lightweight insulating refractory castable with a low thermal conductivity designed for pumpcast and/or shotcreting, especially in fired heater applications.

PHYSICAL PROPERTIES

Maximum Service Temperature		2400°F
Mixing Water Required (pumpable consistency)		37 – 42%
Bulk Density		
After Heating to 1500°F		60 – 68 lbs/cu.ft.
Cold Crushing Strength		
After Heating to 1500°F		700 - 1200 psi
After Heating to 2000°F		800 - 1200 psi
Linear Change, % (Grn – Fired)		
After Heating to 1500°F		-0.20 to –0.50
After Heating to 2000°F		-0.20 to –0.50
Thermal Conductivity		
<u>Mean Temp</u>	<u>BTU/ft²/ F/in</u>	
500°F	1.75	
1000°F	1.70	
1500°F	1.75	
Typical Chemical Analysis, %		
Al ₂ O ₃		32.3
SiO ₂		45.2
CaO		17.2
TiO ₂		1.0
Fe ₂ O ₃		2.9
MgO		0.3
Alkalies		0.9

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

SPARLITE 60P-HS 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.