

SPARLITE 60P

SPARLITE 60P 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)	40 – 45%
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	31.0
SiO ₂	47.6
CaO	16.0
TiO ₂	1.0
Fe ₂ O ₃	2.9
MgO	0.3
Alkalies	1.1

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

SPARLITE 60P 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.