

SPARLITE 60P LI

SPARLITE 60P LI is a 60 lb. low iron 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	2500°F
Dry Castable Requirement	60 - 65 lbs./cu.ft.
Mixing Water Required (pumpable consistency)	37 - 42% by weight
Bulk Density	
After Heating to 1500°F	60 - 65 lbs/cu.ft.
Cold Crushing Strength	
After Heating to 1500°F	300 - 450 psi
After Heating to 2000°F	300 - 450 psi
Modulus of Rupture	
After Heating to 1500°F	75 - 150 psi
After Heating to 2000°F	75 - 150 psi
Linear Change, %	
After Heating to 1500°F	-0.30 to -0.60
After Heating to 2000°F	-0.40 to -0.80
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	30.3
SiO ₂	52.3
CaO	13.8
TiO ₂	1.2
Fe ₂ O ₃	1.0
MgO	0.2
Alkalies	1.1

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

SPARLITE 60P LI 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.