

SPARLITE 80P LI

SPARLITE 80P LI is a 75 lb. low iron lightweight insulating refractory castable designed for pumpcast and/or shotcreting applications.

PHYSICAL PROPERTIES

Maximum Service Temperature	2500°F
Dry Castable Requirement	75 lbs./cu.ft.
Mixing Water Required (pumpable consistency)	29.0 – 32.0%
Bulk Density	
After Heating to 1500°F	73 – 78 lbs/cu.ft.
Cold Crushing Strength	
After Heating to 1500°F	600 – 800 psi
After Heating to 2000°F	600 – 800 psi
Linear Change, %	
After Heating to 1500°F	-0.2 to -0.4
After Heating to 2000°F	-0.3 to -0.6
Thermal Conductivity	
<u>Mean Temp</u>	<u>BTU/ft²/ F/in</u>
500°F	2.3
1000°F	2.5
1500°F	2.6
Typical Chemical Analysis, %	
Al ₂ O ₃	43.3
SiO ₂	41.5
CaO	11.7
TiO ₂	1.3
Fe ₂ O ₃	1.0
MgO	0.3
Alkalies	0.9

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

SPARLITE 80P LI is available in 60# 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.