

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) | 8.5 – 9.2 qts./50 lb bag. |
| 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 |
| 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.