

SPARLITE 85P

SPARLITE 85P is an 85 lb. High strength lightweight insulating refractory castable designed for pumpcast and/or shotcreting applications.

PHYSICAL PROPERTIES

Maximum Service Temperature	2500°F
Mixing Water Required (pumpable consistency)	28.0 - 30.0%
Bulk Density After Heating to 1500°F	85 - 90 lbs/cu.ft.
Cold Crushing Strength After Heating to 1500°F	1600 - 2300 psi
Modulus of Rupture After Heating to 1500°F	400 - 600 psi
Linear Change, % (green to fired) After Heating to 1500°F	-0.2 to -0.4

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	36.1
SiO ₂	44.4
CaO	14.8
TiO ₂	1.3
Fe ₂ O ₃	2.5
MgO	0.3
Alkalies	0.4

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

SPARLITE 85P 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.