

**SPARLITE 35P**

**SPARLITE 35P** is a lightweight insulating refractory castable with a low thermal conductivity designed for pumpcast and/or shotcreting

**PHYSICAL PROPERTIES**

Maximum Service Temperature	2000°F
Dry Castable Requirement	30 – 35 lbs./cu.ft.
Mix Water Required for pumping	9.8 – 10.5 qts./25 lb bag.
Cold Crushing Strength	
After Heating to 1500°F	75 - 150 psi
After Heating to 2000°F	75 - 150 psi
Linear Change, %	
After Heating to 1500°F	-0.9 to – 1.3
After Heating to 2000°F	-1.0 to – 1.9
Thermal Conductivity	
<u>Mean Temp</u>	<u>BTU/ft<sup>2</sup>/ F/in</u>
500°F	1.00
1000°F	1.05
1500°F	1.15
Typical Chemical Analysis, %	
Al <sub>2</sub> O <sub>3</sub>	30.7
SiO <sub>2</sub>	37.4
CaO	20.0
TiO <sub>2</sub>	1.6
Fe <sub>2</sub> O <sub>3</sub>	4.3
MgO	4.1
Alkalies	1.7

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

**SPARLITE 35P** is available in 25# 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.