

## SPARLITE 25 PRODUCT INFORMATION

**SPARLITE 25** is a very lightweight insulating castable with low thermal conductivity that can be cast or gunned. This product is rated for 2000°F.

### PHYSICAL PROPERTIES

Maximum Service Temperature	2000°F
Mix Water Required for Casting	125% to 150%
Pre-Damp Water for Gunning	5 to 7 qts/25 lb. bag

	<u>Cast</u>	<u>Gunite</u>
Bulk Density		
After Heating to 1500°F	23 - 28lbs/ft <sup>3</sup>	28 - 33 lbs/ft <sup>3</sup>
Cold Crushing Strength		
After Heating to 1500°F	50 - 100 psi	75 - 150 psi
Linear Change, %		
After Heating to 1500°F	-0.7 to -1.5%	-0.6 to -1.5%

Thermal Conductivity:

<u>Mean Temp:</u>	<u>BTU/ft<sup>2</sup>/Hr/°F/in</u>	<u>BTU/ft<sup>2</sup>/Hr/°F/in</u>
500°F	0.90	1.00
1000°F	1.00	1.15
1500°F	1.15	1.30

Typical Chemical Analysis, %

Al <sub>2</sub> O <sub>3</sub>	33.0
SiO <sub>2</sub>	25.7
CaO	21.8
TiO <sub>2</sub>	2.0
Fe <sub>2</sub> O <sub>3</sub>	6.0
MgO	9.9
Alkalies	1.6

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

**SPARLITE 25** is available in 25# bags and 500# bulk bags palletized and shrink-wrapped.

**NOTE: CASTABLE MUST BE STORED IN DRY PLACE**