

## SPARCAST 26 LI

**SPARCAST 26 LI** is a low iron general duty castable designed for power plant ash hopper applications, stacks, or other areas where high strength to medium insulating values are required. **SPARCAST 26 LI** is an excellent gunite material having very low rebound. **SPARCAST 26 LI** can also be applied by casting or plastering.

### PHYSICAL PROPERTIES

Maximum Service Temperature	2600°F	
Water Required for Casting(less for plastering)	3.5 to 4 qts. / 50 lb. bag	
Water Required for Predampening:	1 to 1.5 qts. / 50 lb. bag	
	<u>Cast</u>	<u>Gunite</u>
Bulk Density, lbs/ft <sup>3</sup>	115 -118	118 - 124
Cold Crushing Strength, psi		
After Heating to 1500°F	5000 - 7000	5000 - 8000
Modulus of Rupture, psi		
After Heating to 1500°F	700 - 900	800 - 1100
Linear Change, %		
After Heating to 1500°F	-0.0 to -0.3	-0.0 to -0.3

Thermal Conductivity:

<u>Mean Temp:</u>	<u>BTU/ft<sup>2</sup>/Hr/°F/in</u>
500°F	4.50
1000°F	5.00
1500°F	5.25

Typical Chemical Analysis, %

Al <sub>2</sub> O <sub>3</sub>	43.2
SiO <sub>2</sub>	41.8
CaO	11.8
TiO <sub>2</sub>	1.7
Fe <sub>2</sub> O <sub>3</sub>	1.0
MgO	0.2
Alkalies	0.3

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

**SPARCAST 26 LI** is available in 50# bags, 1000#, 1500# and 2000# bulk bags palletized and shrink-wrapped.

**NOTE: CASTABLE MUST BE STORED IN 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.