

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 ³	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/ft²/Hr/°F/in</u>
500°F	4.50
1000°F	5.00
1500°F	5.25

Typical Chemical Analysis, %

Al ₂ O ₃	43.2
SiO ₂	41.8
CaO	11.8
TiO ₂	1.7
Fe ₂ O ₃	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.