

SPARLITE LV:16
PRODUCT INFORMATION

SPARLITE LV:16 is a 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	105 - 115%
Pre-Damp Water for Gunning	3 - 5 qts/25 lb. bag

	<u>Cast</u>	<u>Gun</u>
Bulk Density After Heating to 1500°F	28 – 32 lbs/ft ³	35 - 40 lbs/ft ³
Cold Crushing Strength After Heating to 1500°F	75 - 125 psi	125 -225 psi
Linear Change, % After Heating to 1500°F	-0.7 to -1.2%	-0.6 to -1.2%

Thermal Conductivity:

<u>Mean Temp:</u>	<u>BTU/ft²/Hr/°F/in</u>	<u>BTU/ft²/Hr/°F/in</u>
500°F	0.95	1.00
1000°F	1.05	1.15
1500°F	1.15	1.30

Typical Chemical Analysis, %

Al ₂ O ₃	31.2
SiO ₂	30.8
CaO	20.7
TiO ₂	2.3
Fe ₂ O ₃	4.7
MgO	7.6
Alkalies	2.7

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

SPARLITE LV:16 is available in 25# bags and 500#, bulk bags palletized and shrink-wrapped.

NOTE: CASTABLE MUST BE STORED IN DRY PLACE

RB: 10-10