

INSULATING SPECIALTIES

PRODUCT DATA

SPARLITE 30G LI

SPARLITE 30G LI is a 95 PCF, low iron, 3000°F, high strength, insulating refractory gunning castable. This product can also be applied by casting.

PHYSICAL PROPERTIES

Maximum Service Temperature	3000°F	
Mixing Water Required (cast)	27.0 to 28.0%	
Pre-damp: ½ to 1 qt/ 50 lb bag	(2 to 4%)	
Bulk Density	<u>Cast</u>	<u>Gun</u>
After Heating to 1500°F	85 - 90 pcf	93 - 98 pcf
After Heating to 3000°F	87 - 93 pcf	94 - 98 pcf
Cold Crushing Strength		
After Heating to 1500°F	800 -1200 pcf	1000 - 1800 pcf
After Heating to 3000°F	1800 - 2300 pcf	2500 - 3300 pcf
Linear Change, %		
After Heating to 1500°F	-0.0 to -0.3%	
After Heating to 3000°F	-0.3 to -0.6%	
Typical Chemical Analysis, %		
Al ₂ O ₃	47.3	
SiO ₂	44.1	
CaO	6.0	
TiO ₂	0.9	
Fe ₂ O ₃	0.6	
MgO	0.1	
Alkalies	0.8	

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

SPARLITE 30G LI is available in 50# 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.