

INSULATING SPECIALTIES

PRODUCT DATA

SPARLITE 28G LI

SPARLITE 28G LI is a 90 to 95 PCF, low iron, 2800°F, high strength, insulating refractory gunning castable. This product can also be applied by casting.

PHYSICAL PROPERTIES

Maximum Service Temperature	2800°F	
Mixing Water Required (cast)	23.0 to 25.0%	
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 - 96 pcf
After Heating to 2800°F	90 - 93 pcf	94 - 98 pcf
Cold Crushing Strength		
After Heating to 1500°F	950 - 1400 pcf	1500 - 2000 pcf
After Heating to 2800°F	1500 - 2200 pcf	2500 - 3300 pcf
Linear Change, %		
After Heating to 1500°F	-0.0 to -0.3%	
After Heating to 2800°F	0.0 to +0.3%	
Typical Chemical Analysis, %		
Al ₂ O ₃	42.8	
SiO ₂	48.5	
CaO	5.8	
TiO ₂	1.0	
Fe ₂ O ₃	0.7	
MgO	0.1	
Alkalies	1.0	

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

SPARLITE 28G 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.