

SPARLITE 28 LI PRODUCT INFORMATION

SPARLITE 28 LI is a low iron insulating castable with high strength and good thermal conductivity.

PHYSICAL PROPERTIES

Maximum Service Temperature	2800°F
Dry Castable Requirement	90.0 lbs./cu.ft.
Approximate Water for Pouring	3.0-3.5 gal./100 lbs.
Bulk Density after 220°F	95 .0 lbs./cu.ft
Modulus of rupture	
After Drying at 220°F	250-350 lbs/sq.in.
After Heating to 1500°F	100-150 lbs/sq.in
After Heating to 2732°F	900-1100 lbs/sq.in
Cold Crushing Strength	
After Drying at 220°F	500-1000 lbs/sq.in.
After Heating to 1500°F	400-600 lbs/sq.in
After Heating to 2732°F	2000-3000 lbs/sq.in
Linear Change, %	
After Drying at 220°F	-0.2
After Heating to 1500°F	-0.3
After Heating to 2732°F	+2.0
Typical Chemical Analysis, %	
Al ₂ O ₃	51.00
SiO ₂	40.70
CaO	4.80
Fe ₂ O ₃	.80
TiO ₂	1.50
MgO	.20
Alkalies	1 .00

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

SPARLITE 28 LI is available in 50# and 75# bags, palletized and shrink-wrapped. Also available in gun grade (**SPARLITE 28 LI G**).

NOTE: CASTABLE MUST BE STORED IN DRY PLACE