

SPARLITE 28

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

PHYSICAL PROPERTIES

Maximum Service Temperature	2800°F
Dry Castable Requirement	85 - 90 lbs./cu.ft.
Approximate Water for Pouring	3.0-3.5 gal./100 lbs.
Bulk Density after 220°F	94 - 100 lbs./cu.ft.
Modulus of Rupture	
After Drying at 220°F	100-175 lbs/sq.in.
After Heating to 1500°F	100-175 lbs/sq.in.
After Heating to 2732°F	200-500 lbs/sq.in.
Cold Crushing Strength	
After Drying at 220°F	400-1000 lbs/sq.in.
After Heating to 1500°F	400-1000 lbs/sq.in.
After Heating to 2732°F	900-2000 lbs/sq.in.
Linear Change, %	
After Drying at 220°F	-0.1 to -0.6
After Heating to 1500°F	-0.2 to -0.7
After Heating to 2732°F	-1.0 to -2.0
Typical Chemical Analysis, %	
Al ₂ O ₃	49.3
SiO ₂	41.7
CaO	5.6
Fe ₂ O ₃	0.9
TiO ₂	1.4
MgO	0.2
Alkalies	1.0

SPARLITE 28 is available in 70# bags and various size 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.