SPARLITE 28 P

SPARLITE 28P is a 2800 degree insulating castable with high strength and good thermal conductivity. This product can be pumped and shotcrete.

PHYSICAL PROPERTIES

Maximum Service Temperature 2800°F
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

Cold Crushing Strength
  After Drying at 220°F 400-1000 lbs/sq.in.
  After Heating to 1500°F 400-1000 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

Thermal Conductivity
Mean Temp BTU/ft²/°F/in
500°F 3.0
1000°F 3.1
1500°F 3.25

Typical Chemical Analysis, %
  Al₂O₃ 49.3
  SiO₂ 41.7
  CaO 5.6
  Fe₂O₃ 0.9
  TiO₂ 1.4
  MgO 0.2
  Alkalies 1.0

SPARLITE 28P is available in 55# 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.