

SPARFIRE FS 60 P

SPARFIRE FS 60 P is a 60% fused silica, low-cement castable designed to be installed by vibration casting, pumpcasting and shotcreting. It can be used in a wide variety of applications where severe thermal cycling is a problem.

PHYSICAL PROPERTIES

Maximum Service Temperature	2000°F
Dry Castable Requirement	128 - 133 lbs./cu.ft.
Typical Water Required:	5.40 - 5.75%
Apparaent Porosity	15%
Modulus of Rupture After Heating to 1500°F	1400 -1900 lbs/sq.in
Cold Crushing Strength After Heating to 1500°F	11000-15000 lbs/sq.in
Linear Change, % After Heating to 1500°F	0.0 to -0.3
Erosion Resistance (ASTM C704) After Heating to 1500°F	less than 12 cc loss (Typical: 7 - 9 cc loss)
Typical Chemical Analysis, %	
Al ₂ O ₃	18.3
SiO ₂	79.6
CaO	1.4
TiO ₂	0.3
Fe ₂ O ₃	0.3
MgO	0.0
Alkalies	0.1

SPARFIRE FS 60 P is available in 50# bags,100# bags, 1500#, 2000# and 3000# 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.