

SPARFIRE LC 30 FF PRODUCT INFORMATION

SPARFIRE LC 30 FF is a high purity, low moisture, low cement, castable designed for vibrating, pumping, or shotcreting. This product is designed for an accelerated dryout schedule

PHYSICAL PROPERTIES

Maximum Service Temperature	3100°F
Dry Castable Requirement	160-165 lbs./cu.ft.
Mix Water Required: Vibrating	4.0-5.5
(% by Weight) Pumping	5.0-6.0
Shotcreting	5.0-6.0
Bulk Density after 230°F	160-165 lbs./cu.ft
Modulus of rupture	
After Drying at 230°F	1600-2200 lbs/sq.in.
After Heating to 1500°F	2250-3300 lbs/sq.in
After Heating to 2250°F	2800-3950 lbs/sq.in
Cold Crushing Strength	
After Drying at 230°F	12000-18000 lbs/sq.in.
After Heating to 1500°F	14000-19000 lbs/sq.in
After Heating to 2250°F	14000-20000 lbs/sq.in
Linear Change, %	
After Drying at 230°F	0.0 to -0.4
After Heating to 1500°F	0.0 to -0.4
After Heating to 2250°F	0.0 to -0.4
Erosion Resistance (ASTM C704)	Less than 8 cc loss. (Typical: 4– 6 cc loss)
Typical Chemical Analysis, %	
Al ₂ O ₃	62.7
SiO ₂	31.8
CaO	1.7
TiO ₂	1.9
Fe ₂ O ₃	1.2
MgO	0.4
Alkalies	0.3

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

SPARFIRE LC 30 FF is available in 55# bags and various sized bulk bags, palletized and shrink-wrapped.

NOTE: CASTABLE MUST BE STORED IN DRY PLACE