

SPARCAST FS-EF

SPARCAST FS-EF is a fine-grained 70% fused silica castable designed for applications where thermal cycling is a problem.

PHYSICAL PROPERTIES

Maximum Service Temperature	2400°F
Dry Castable Requirement	105 - 110 lbs./cu.ft.
Typical Water Required:	14 - 16%
Modulus of Rupture After Heating to 1500°F	200 - 400 lbs/sq.in
Cold Crushing Strength After Heating to 1500°F	3000 -5000 lbs/sq.in
Linear Change, % After Heating to 1500°F	-0.1 to -0.3
Typical Chemical Analysis, %	
Al ₂ O ₃	19.3
SiO ₂	72.8
CaO	7.5
TiO ₂	0.1
Fe ₂ O ₃	0.1
MgO	0.1
Alkalies	0.1

SPARCAST FS-EF is available in 50# or 100# bags, and various sized 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.