

SPARFIRE 32 AL

SPARFIRE 32 AL is a low iron, high purity refractory castable designed for casting or troweling in aluminum applications. With Rapid DRYOUT Technology

PHYSICAL PROPERTIES

Maximum Service Temperature	3200°F
Dry Castable Requirement	145 - 150 lbs./cu.ft.
Approximate Water for Pouring	1.0 to 1.3 gal./100 lbs.
Modulus of Rupture	
After Drying at 230°F	200-500 lbs/sq.in.
After Heating to 1500°F	200-500 lbs/sq.in.
After Heating to 2250°F	250-600 lbs/sq.in.
Cold Crushing Strength	
After Drying at 230°F	2000-4500 lbs/sq.in.
After Heating to 1500°F	1500-3500 lbs/sq.in.
After Heating to 2250°F	1500-4000 lbs/sq.in.
Linear Change, %	
After Drying at 230°F	0.0 to -0.5
After Heating to 1500°F	0.0 to -0.5
After Heating to 2250°F	0.0 to -0.4
Typical Chemical Analysis, %	
Al ₂ O ₃	79.4
SiO ₂	13.5
CaO	2.7
TiO ₂	2.7
Fe ₂ O ₃	1.2
MgO	0.2
Alkalies	0.3

SPARFIRE 32 AL is available in 50# or 55# bags, or in 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.