

SPARCAST 30 G

SPARCAST 30 G is a low iron, high purity refractory castable designed for troweling, and gunning.

PHYSICAL PROPERTIES

Maximum Service Temperature	3000°F
Dry Castable Requirement	125 - 135 lbs./cu.ft.
Approximate Water for Predampening	0.5 to 1.5 qts / 55 lbs.
Bulk Density after 230°F	133 - 143 lbs./cu.ft
Modulus of Rupture	
After Drying at 230°F	200-600 lbs/sq.in.
After Heating to 1500°F	200-600 lbs/sq.in
After Heating to 2250°F	250-800 lbs/sq.in
After Heating to 2910°F	400-1000 lbs/sq.in
Cold Crushing Strength	
After Drying at 230°F	3000-5000 lbs/sq.in.
After Heating to 1500°F	2000-4000 lbs/sq.in
After Heating to 2250°F	1100-4000 lbs/sq.in
After Heating to 2910°F	1500-5500 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 -0.5
After Heating to 2910°F	+0.1 to +0.8
Typical Chemical Analysis, %	
Al ₂ O ₃	47.4
SiO ₂	43.4
CaO	5.8
TiO ₂	1.9
Fe ₂ O ₃	1.1
MgO	0.2
Alkalies	0.2

SPARCAST 30 G 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.