

SPARCAST 28 GRF

SPARCAST 28 GRF is a high strength, general duty refractory castable. It can be installed by gunning or casting.

PHYSICAL PROPERTIES

Maximum Service Temperature	2800°F
Dry Castable Requirement	120 - 130 lbs./cu.ft.
Typical Water Required for Predampening	1.25 – 1.50 gal./110 lbs.
Bulk Density (at 230°F)	122-132 lbs./cu.ft
Modulus of Rupture	
After Drying at 230°F	200-400 lbs/sq.in.
After Heating to 1500°F	200-400 lbs/sq.in
After Heating to 2250°F	200-400 lbs/sq.in
Cold Crushing Strength	
After Drying at 230°F	2000-3500 lbs/sq.in.
After Heating to 1500°F	2000-3500 lbs/sq.in
After Heating to 2250°F	2000-5000 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 -0.6
Typical Chemical Analysis, %	
Al ₂ O ₃	47.7
SiO ₂	43.2
CaO	5.7
TiO ₂	1.9
Fe ₂ O ₃	1.1
MgO	0.2
Alkalies	0.2

SPARCAST 28 GRF is available in 55[#] bags and 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.