

SPARCAST 28 ESG

SPARCAST 28 ESG is an all purpose, extra 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 - 125 lbs./cu.ft.
Mix Water Required	1.25 gal./100 lbs.
Bulk Density (at 230°F)	125-135 lbs./cu.ft
Modulus of Rupture	
After Drying at 230°F	300-600 lbs/sq.in.
After Heating to 1500°F	300-600 lbs/sq.in
After Heating to 2250°F	300-700 lbs/sq.in
Cold Crushing Strength	
After Drying at 230°F	3000-4500 lbs/sq.in.
After Heating to 1500°F	3000-4500 lbs/sq.in
After Heating to 2250°F	3000-6000 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 -0.6
Typical Chemical Analysis, %	
Al ₂ O ₃	48.0
SiO ₂	40.9
CaO	7.7
TiO ₂	1.9
Fe ₂ O ₃	1.1
MgO	0.2
Alkalies	0.2

SPARCAST 28 ESG 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.