SPARCAST 28 ES

SPARCAST 28 ES is a 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	127 - 133 lbs./cu.ft.
Typical Mix Water Required	1.25 – 1.50 gal./110 lbs.
Bulk Density (at 230°F)	130-139 lbs./cu.ft
Modulus of Rupture	
After Drying at 230°F	300-750 lbs/sq.in.
After Heating to 1500°F	300-750 lbs/sq.in
After Heating to 2250°F	300-800 lbs/sq.in
Cold Crushing Strength	
After Drying at 230°F	2500-6000 lbs/sq.in.
After Heating to 1500°F	2500-6000 lbs/sq.in
After Heating to 2250°F	2500-8000 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_2O_3	48.4
SiO_2	40.8
CaO	7.6
TiO_2	1.9
Fe_2O_3	1.1
MgO	0.2
Alkalies	0.2

SPARCAST 28 ES 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.

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