

SPARCAST 28K

SPARCAST 28K is a high strength, hydraulic setting refractory castable.

PHYSICAL PROPERTIES

Maximum Service Temperature	2800°F
Mix Water Required	1.25 gal./100 lbs.
Bulk Density (at 230°F)	120-130 lbs./cu.ft
Modulus of Rupture	
After Heating to 1500°F	400-700 lbs/sq.in
After Heating to 2250°F	300-700 lbs/sq.in
Cold Crushing Strength	
After Heating to 1500°F	4500-5550 lbs/sq.in
After Heating to 2250°F	3500-4500 lbs/sq.in
Linear Change, %	
After Heating to 1500°F	0.0 to -0.2
After Heating to 2250°F	-0.1 to -0.3
Typical Chemical Analysis, %	
Al ₂ O ₃	46.2
SiO ₂	43.5
CaO	7.2
TiO ₂	1.2
Fe ₂ O ₃	1.6
MgO	0.1
Alkalies	0.2

SPARCAST 28K is available in 50# bags, 100# bags or 1000#, 2000#, and 3000# 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.