

SPARCAST 30 L-1

SPARCAST 30 L-1 is a high purity, high strength, abrasion resistance, castable designed for use in high wear areas.

PHYSICAL PROPERTIES

Maximum Service Temperature	3000°F
Dry Castable Requirement	145 lbs./cu.ft.
Mix Water Required	2.5 quarts/100 lbs.
Bulk Density (at 230°F)	140-150 lbs./cu.ft
Modulus of Rupture	
After Drying at 230°F	1000-1500 lbs/sq.in.
After Heating to 1500°F	1500-2050 lbs/sq.in
Cold Crushing Strength	
After Drying at 230°F	8000-11000 lbs/sq.in.
After Heating to 1500°F	10000-15000 lbs/sq.in
Linear Change, %	
After Drying at 230°F	0.0 to -0.1
After Heating to 1500°F	0.0 to -0.2
Erosion Resistance (ASTM C704)	Less than 10 cc loss (Typical: 6 - 8 cc loss)
Typical Chemical Analysis, %	
Al ₂ O ₃	52.3
SiO ₂	42.4
CaO	2.7
TiO ₂	1.5
Fe ₂ O ₃	0.9
MgO	0.1
Alkalies	0.1

SPARCAST 30L-1 is available in 50# bags, 100# bags or 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.