

SPARCAST LC 30 GG

SPARCAST LC 30 GG is a high purity, low cement gunning castable designed to offer physical properties similar to many shotcrete products.

PHYSICAL PROPERTIES

Maximum Service Temperature	3100°F
Dry Castable Requirement	135-140 lbs./ft.3
Bulk Density after 230°F	140-145 lbs./ft.3
Modulus of Rupture	
After Heating to 1500°F	1500-1900 lbs/sq.in.
After Heating to 2250°F	1410-1850 lbs/sq.in.
Cold Crushing Strength	
After Heating to 1500°F	5000-8000 lbs/sq.in.
After Heating to 2250°F	5000-8000 lbs/sq.in.
Linear Change, %	
After Heating to 1500°F	0.0 to -0.3
After Heating to 2250°F	0.0 to -0.4
Erosion Resistance (ASTM C704)	<13cc After 1500°F (Typical 9-11cc loss)
Typical Chemical Analysis, %	
Al ₂ O ₃	60.7
SiO ₂	33.8
CaO	1.7
TiO ₂	1.9
Fe ₂ O ₃	1.2
MgO	0.4
Alkalies	0.3

SPARCAST LC 30 GG is available in 50# bags, 100# bags, 1500#, 2000#, and 3000# bulk bags, palletized and shrink-wrapped. .

NOTE: CASTABLES MUST BE STORED IN A 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.