

SPARCAST 30 L PRODUCT INFORMATION

SPARCAST 30 L is a low iron, high purity refractory castable designed for casting.

PHYSICAL PROPERTIES

Maximum Service Temperature	3000°F
Dry Castable Requirement	135.0 lbs./cu.ft.
Approximate Water for Pouring	1.0 to 1.3 gal./100 lbs.
Bulk Density after 230°F	138 lbs./cu.ft
Modulus of rupture	
After Drying at 230°F	500-850 lbs/sq.in.
After Heating to 1500°F	300-550 lbs/sq.in
After Heating to 2250°F	250-500 lbs/sq.in
After Heating to 2910°F	1500-2000 lbs/sq.in
Cold Crushing Strength	
After Drying at 230°F	2000-3500 lbs/sq.in.
After Heating to 1500°F	1500-3500 lbs/sq.in
After Heating to 2250°F	1250-3000 lbs/sq.in
After Heating to 2910°F	2500-3500 lbs/sq.in
Linear Change, %	
After Drying at 230°F	0.0
After Heating to 1500°F	0.0 to -0.2
After Heating to 2250°F	0.0 to -0.4
After Heating to 2910°F	+0.1 to +0.8
Typical Chemical Analysis, %	
Al ₂ O ₃	59.7
SiO ₂	31.7
CaO	5.0
TiO ₂	2.5
Fe ₂ O ₃	1.0
MgO	0.05
Alkalies	0.05

The above are average results and do not constitute a specification.

SPARCAST 30 L is available in 50# bags, 100# bags, or 3500# mini-bulk bags, palletized and shrink-wrapped.

NOTE: CASTABLE MUST BE STORED IN DRY PLACE