

SPARCAST LC 32B-HP PRODUCT INFORMATION

SPARCAST LC 32B-HP is a high purity, low moisture, low cement castable designed for handpack applications..

PHYSICAL PROPERTIES

Maximum Service Temperature	3200° F
Dry Castable Requirement	172 - 178 lbs./cu.ft.
Mix Water Required: (% by Weight)	6.5 – 7.0
Bulk Density after 230° F	175 - 180 lbs./cu.ft
Modulus of rupture	
After Drying at 230° F	1600-2200 lbs/sq.in.
After Heating to 1500° F	1700-2600 lbs/sq.in
After Heating to 2250° F	1700-2600 lbs/sq.in
Cold Crushing Strength	
After Drying at 230° F	10000-15000 lbs/sq.in.
After Heating to 1500° F	10000-15000 lbs/sq.in
After Heating to 2250° F	10000-15000 lbs/sq.in
Linear Change, %	
After Drying at 230° F	0.0 to -0.5
After Heating to 1500° F	0.0 to -0.4
After Heating to 2250° F	0.0 to -0.5
Erosion Resistance (ASTM C704)	Less than 9 cc loss Typical: 4 – 6 cc loss)
Typical Chemical Analysis, %	
Al ₂ O ₃	78.30
SiO ₂	15.90
CaO	1.60
TiO ₂	2.60
Fe ₂ O ₃	1.10
MgO	0.20
Alkalis	0.30

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

SPARCAST LC 32B-HP is available in 50# and 55# paper bags, or various sized bulk bags, palletized and shrink-wrapped.

NOTE: CASTABLE MUST BE STORED IN DRY PLACE