

SPARCAST LC 32 HT

SPARCAST LC 32 HT is a high purity, low cement castable designed for applications where improved hot properties are needed.

PHYSICAL PROPERTIES

Maximum Service Temperature	3200°F
Dry Castable Requirement	151 - 158 lbs./cu.ft.
Mix Water Required: Vibrating	5.75 – 6.30% by weight
Modulus of Rupture	
After Heating to 1500°F	1400-1900 lbs/sq.in
Cold Crushing Strength	
After Heating to 1500°F	7500-10000 lbs/sq.in.
Linear Change, %	
After Heating to 1500°F	0.0 to -0.4
Erosion Resistance (ASTM C704)	
After Heating to 1500°F	Less than 11 cc loss (Typical: 7 – 9 cc loss)
Typical Chemical Analysis, %	
Al ₂ O ₃	71.9
SiO ₂	23.5
CaO	1.1
TiO ₂	2.2
Fe ₂ O ₃	1.0
MgO	0.1
Alkalies	0.2

SPARCAST LC 32 HT is available in 55[#] bags and various sized 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.