

LOW CEMENT SPECIALTIES

PRODUCT DATA

SPARCAST LC 30T

SPARCAST LC 30T is a high purity, low moisture, low cement castable that has been designed to be placed by vibrating.

PHYSICAL PROPERTIES

Maximum Service Temperature	3100°F
Dry Castable Requirement	150-155 lbs./cu.ft.
Mix Water Required: Vibrating	5.5 – 6.25% by weight
Modulus of Rupture	
After Drying at 230°F	900-1400 lbs/sq.in.
After Heating to 1500°F	900-1400 lbs/sq.in.
Cold Crushing Strength	
After Drying at 230°F	9000-13000 lbs/sq.in.
After Heating to 1500°F	9000-13000 lbs/sq.in.
Linear Change, %	
After Drying at 230°F	0.0 to -0.4
After Heating to 1500°F	0.0 to -0.4
Erosion Resistance (ASTM C704)	Less than 14 cc loss. (Typical: 9 – 12 cc loss)
Typical Chemical Analysis, %	
Al ₂ O ₃	62.7
SiO ₂	33.5
CaO	1.2
TiO ₂	1.5
Fe ₂ O ₃	0.8
MgO	0.1
Alkalies	0.2

SPARCAST LC 30T 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.