

SPARCAST LC 28

SPARCAST LC 28 is a high purity, low moisture, low cement castable

PHYSICAL PROPERTIES

Maximum Service Temperature	2900°F
Dry Castable Requirement	147-154 lbs./cu.ft.
Mix Water Required: Vibrating	5.00 - 5.75%
Bulk Density after 230°F	149-158 lbs./cu.ft.
Modulus of Rupture	
After Drying at 230°F	1000 - 1650 lbs/sq.in.
After Heating to 1500°F	1300 - 1900 lbs/sq.in.
After Heating to 2250°F	1400 - 2400 lbs/sq.in.
Cold Crushing Strength	
After Drying at 230°F	7000 - 12000 lbs/sq.in.
After Heating to 1500°F	8000 - 13000 lbs/sq.in.
After Heating to 2250°F	8000 - 13000 lbs/sq.in.
Erosion Resistance (ASTM C704)	Less than 10 cc loss. (Typical: 6 – 8 cc loss)
Linear Change, %	
After Drying at 230°F	0.0 to -0.4
After Heating to 1500°F	0.0 to -0.4
After Heating to 2250°F	+0.2 to -0.4
Typical Chemical Analysis, %	
Al ₂ O ₃	52.0
SiO ₂	43.6
CaO	1.8
TiO ₂	1.5
Fe ₂ O ₃	0.8
MgO	0.1
Alkalies	0.2

SPARCAST LC 28 is available in 55[#] bags and bulk bags, palletized and shrink-wrapped.

NOTE: CASTABLE MUST BE STORED IN 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.