

SPARCAST LC 75

SPARCAST LC 75 is a 3200°F, low cement castable that provides excellent resistance to abrasion and mechanical abuse. **SPARCAST LC 75** is designed to be installed by vibration casting.

PHYSICAL PROPERTIES

Maximum Service Temperature	3200°F
Mix Water Required: Vibrating	5.0 – 5.5 %
Dry Castable Requirement	163 - 168 lbs/cu.ft
Modulus of Rupture After Heating to 1500°F	1100 -1500 lbs/sq.in
Cold Crushing Strength After Heating to 1500°F	10000-15000 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 10 cc loss (Typical Loss: 6 - 8cc)
Typical Chemical Analysis, %	
Al ₂ O ₃	76.2
SiO ₂	18.4
CaO	1.3
TiO ₂	2.5
Fe ₂ O ₃	1.1
MgO	0.2
Alkalies	0.3

SPARCAST LC 75 is available in 50# bags, 1500#, 2000#, and 3000# 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.