

SPARCAST LC 97HP

SPARCAST LC 97HP is a high alumina, low-cement castable. It is designed to give maximum ease of installation. **SPARCAST LC 97HP** is designed for hand packing ONLY. It offers excellent resistance to abrasion and chemical attack.

PHYSICAL PROPERTIES

Maximum Service Temperature	3400°F
Dry Castable Requirement	181 – 186 lbs./cu.ft.
Erosion Resistance (ASTM C704)	Less than 9 cc loss. (Typical: 4½ - 7 cc loss)
Modulus of Rupture After Heating to 1500°F	2500 - 3300 lbs/sq.in..
Cold Crushing Strength After Heating to 1500°F	12000 - 16000 lbs/sq.in..
Linear Change, % After Heating to 1500°F	-0.1 to -0.4
Typical Chemical Analysis, %	
Al ₂ O ₃	93.3
SiO ₂	4.9
CaO	1.5
Fe ₂ O ₃	0.1
Alkalies	0.2

SPARCAST LC 97HP is available in 50# bags, 100# bags, 1500# and 3000# 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.