

SPARCAST LC 99Z4

SPARCAST LC 99Z4 is an extra high purity alumina, low cement castable. It is very resistant to hot metal / slag, erosion, and corrosion.

PHYSICAL PROPERTIES

Maximum Service Temperature	3300°F
Dry Castable Requirement	184 – 190 lbs./cu.ft.
Water requirement for casting:	4.25 – 4.90% by weight
Modulus of Rupture After Heating to 2150°F..	2000 - 2700 lbs/sq in
Cold Crushing Strength After Heating to 2150°F	10000 - 17000 lbs/sq.in
Linear Change, % After Heating to 2150°F	0.0 to –0.5
Typical Chemical Analysis, %	
Al ₂ O ₃ + MgO	94.0
ZrO ₂	4.0
CaO	1.5
SiO ₂	0.1
Alkalies	0.2

SPARCAST LC 99Z4 is available in 55[#] bags and 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.