

SPARCAST NC 95

SPARCAST NC 95 is an extra high purity alumina NO cement – chemical bonded castable. It is very resistant to hot metal / slag, erosion, and corrosion.

PHYSICAL PROPERTIES

Maximum Service Temperature	3200°F
Bulk Density after 230°F	190 – 195 lbs./cu.ft
Modulus of Rupture	
After Drying at 230°F	1000-2000 lbs/sq.in.
After Heating to 1500°F	1500-2500 lbs/sq.in
After Heating to 2250°F	1800-2800 lbs/sq.in
After Heating to 2910°F	2300-3000 lbs/sq.in
Cold Crushing Strength	
After Drying at 230°F	6000-8000 lbs/sq.in.
After Heating to 1500°F	8000- 15000 lbs/sq.in
After Heating to 2250°F	10000-18000 lbs/sq.in
After Heating to 2910°F	10000-18000 lbs/sq.in
Linear Change, %	
After Drying at 230°F	0.0 to -0.5
After Heating to 1500°F	0.0 to -0.5
After Heating to 2250°F	0.0 to -0.5
After Heating to 2910°F	+0.2 to +0.8
Erosion Resistance (ASTM C704)	Less than 12 cc loss.
Typical Chemical Analysis, %	
Al ₂ O ₃	97.0
Fe ₂ O ₃	0.1
SiO ₂	2.7

SPARCAST NC 95 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.