

SPARCAST 25 NI

SPARCAST 25NI is a high strength, hydraulic setting refractory castable with excellent resistance to thermal shock.

PHYSICAL PROPERTIES

Maximum Service Temperature	2500°F
Mix Water Required	1.25 gal./100 lbs.
Bulk Density (at 230°F)	128-132 lbs./cu.ft
Modulus of Rupture	
After Heating to 1500°F	400-700 lbs/sq.in
After Heating to 2250°F	300-700 lbs/sq.in
Cold Crushing Strength	
After Heating to 1500°F	4500-5550 lbs/sq.in
After Heating to 2250°F	3500-4500 lbs/sq.in
Linear Change, %	
After Heating to 1500°F	0.0 to -0.2
After Heating to 2250°F	-0.1 to -0.3
Typical Chemical Analysis, %	
Al ₂ O ₃	46.2
SiO ₂	43.5
CaO	7.2
TiO ₂	1.2
Fe ₂ O ₃	1.6
MgO	0.1
Alkalies	0.2

SPARCAST 25NI is available in 50# bags, 100# bags or 1000#, 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.