

SPARCAST 25 KR

SPARCAST 25 KR is a high strength, hydraulic setting refractory castable. It has excellent resistance to thermal shock and withstands heavy loads and mechanical abuse. It has a top aggregate size of 3/8" to 1/2".

PHYSICAL PROPERTIES

Maximum Service Temperature	2500°F
Dry Castable Requirement	125.0 lbs./cu.ft.
Approximate Water for Pouring	1.25gal./100 lbs.
Bulk Density after 230°F	128-132 lbs./cu.ft
Modulus of rupture	
After Drying at 230°F	500-800 lbs/sq.in.
After Heating to 1500°F	200-400 lbs/sq.in
After Heating to 2250°F	400-700 lbs/sq.in
Cold Crushing Strength	
After Drying at 230°F	2500-4500 lbs/sq.in.
After Heating to 1500°F	1500-2350 lbs/sq.in
After Heating to 2250°F	1100-1850 lbs/sq.in
After Heating to 2370°F	2000-2600 lbs/sq.in
Linear Change, %	
After Drying at 230°F	0.0 to -0.1
After Heating to 1500°F	0.0 to -0.2
After Heating to 2250°F	-0.2 to -0.3
Typical Chemical Analysis, %	
Al ₂ O ₃	46.20
SiO ₂	43.50
CaO	7.20
Fe ₂ O ₃	1.70
TiO ₂	1.34
MgO	0.04
Alkalies	0.04

The above are average results and do not constitute a specification.

SPARCAST 25KR is available in 50# bags, 100# bags or 3500# 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.