

SPAR, Inc.

REFRACTORIES

P.O. BOX 909

JACKSONVILLE, AL 36265

PHONE: (256) 435-9342

FAX: (256) 435-9373

SPARCAST 25 PRODUCT INFORMATION

SPARCAST 25 is a general purpose refractory castable formulated with selective calcined fire clay grain and a hydraulic setting binder.

PHYSICAL PROPERTIES

Maximum Service Temperature	2500°F
Dry Castable Requirement	115.0 lbs./cu.ft.
Bulk Density after 230°F	120 lbs./cu.ft
Modulus of rupture	
After Drying at 230°F	600-900 lbs/sq.in.
After Heating to 1500°F	300-450 lbs/sq.in
After Heating to 2250°F	600-900 lbs/sq.in
Cold Crushing Strength	
After Drying at 230°F	3000-4500 lbs/sq.in.
After Heating to 1500°F	1600-2400 lbs/sq.in
After Heating to 2250°F	1300-1900 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 25 is available in 50# bags, 100# bags or 3500# mini-bulk bags, palletized and shrink-wrapped.

NOTE: CASTABLE MUST BE STORED IN DRY PLACE