

## SPARCAST ARC

**SPARCAST ARC** is an acid resistant castable recommended for stacks, ducts, scrubbers, etc. where acid environments can be corrosive to typical general duty refractories. This product can be installed by vibration casting, trowel casting, and by dry gunning.

### PHYSICAL PROPERTIES

Maximum Service Temperature	2400°F
Bulk Density	
After Heating to 1500°F	125 lbs./cu.ft
Modulus of Rupture	
After Heating to 1500°F	250-450 lbs/sq.in
After Heating to 2400°F	250-450 lbs/sq.in
Cold Crushing Strength	
After Heating to 1500°F	4000 - 6000 lbs/sq.in
After Heating to 2400°F	3000 - 5000 lbs/sq.in
Linear Change, %	
After Heating to 1500°F	0.0 to +0.40
After Heating to 2400°F	0.0 to +1.50
<b>Thermal Conductivity:</b>	
<u>Mean Temp:</u>	<u>BTU/ft<sup>2</sup>/Hr/°F/in</u>
500°F	6.7
1000°F	6.5
1500°F	6.1
Typical Chemical Analysis, %	
Al <sub>2</sub> O <sub>3</sub>	36.2
SiO <sub>2</sub>	50.9
CaO	10.7
TiO <sub>2</sub>	0.9
Fe <sub>2</sub> O <sub>3</sub>	0.9
MgO	0.2
Alkalies	0.4

**SPARCAST ARC** is available in 50# bags, or 1000#, 1500#, or 2000# 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.