

## SPARCAST LC 32B AL PRODUCT INFORMATION

**SPARCAST LC 32B AL** is a high purity, low moisture, low cement, vibrating castable that exhibits non-wetting properties in aluminum applications.

### PHYSICAL PROPERTIES

Maximum Service Temperature	3200°F
Dry Castable Requirement	175 lbs./cu.ft.
Mix Water Required: (% by Weight)	5.0-6.0
Bulk Density after 230°F	175-180 lbs./cu.ft
Modulus of rupture	
After Drying at 230°F	1600-2080 lbs/sq.in.
After Heating to 1500°F	2000-2700 lbs/sq.in
After Heating to 2250°F	2850-4000 lbs/sq.in
After Heating to 3140°F	3850-4900 lbs/sq.in
Cold Crushing Strength	
After Drying at 230°F	7650-10000 lbs/sq.in.
After Heating to 1500°F	7800-13000 lbs/sq.in
After Heating to 2250°F	10000-16000 lbs/sq.in
After Heating to 3140°F	15000-22000 lbs/sq.in
Linear Change, %	
After Drying at 230°F	0.0 to -0.5
After Heating to 1500°F	0.0 to -0.2
After Heating to 2250°F	0.0 to -0.5
After Heating to 3140°F	+0.2 to +0.8
Typical Chemical Analysis, %	
Al <sub>2</sub> O <sub>3</sub>	84.50
SiO <sub>2</sub>	10.80
CaO	1.00
TiO <sub>2</sub>	2.10
Fe <sub>2</sub> O <sub>3</sub>	1.20
MgO	0.10
Alkalies	0.30

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

**SPARCAST LC 32B AL** is available in 100# bags or 1000#, 2000#, and 3000# bulk bags, palletized and shrink-wrapped.

**NOTE: CASTABLE MUST BE STORED IN DRY PLACE**