

## SPARCAST LC 32 AL PRODUCT INFORMATION

**SPARCAST LC 32 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	170 lbs./cu.ft.
Mix Water Required: (% by Weight)	5.0-6.0
Bulk Density after 230°F	170-175 lbs./cu.ft
Modulus of rupture	
After Drying at 230°F	2000-2500 lbs/sq.in.
After Heating to 1500°F	2500-3000 lbs/sq.in
After Heating to 2250°F	2550-2900 lbs/sq.in
Cold Crushing Strength	
After Drying at 230°F	14000-18000 lbs/sq.in.
After Heating to 1500°F	14000-18000 lbs/sq.in
After Heating to 2250°F	14000-20000 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
<b>Erosion Resistance (ASTM C704)</b>	Less than 7 cc loss. (Typical: 4 – 6 cc loss)
Typical Chemical Analysis, %	
Al <sub>2</sub> O <sub>3</sub>	68.00
SiO <sub>2</sub>	27.36
CaO	1.00
TiO <sub>2</sub>	2.10
Fe <sub>2</sub> O <sub>3</sub>	1.20
MgO	0.04
Alkalies	0.30

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

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

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