

SPARCAST LC 32 B AL

SPARCAST LC 32 B AL is a high purity, low moisture, low cement, vibrating castable.

PHYSICAL PROPERTIES

| | |
|--------------------------------|--|
| Maximum Service Temperature | 3200° F |
| Dry Castable Requirement | 172 - 178 lbs./cu.ft. |
| Mix Water Required: Vibrating | 5.0 |
| (% by Weight) Ramming | 4.5 |
| Bulk Density after 230° F | 175-183 lbs./cu.ft |
| Modulus of rupture | |
| After Drying at 230° F | 1600-2200 lbs/sq.in.. |
| After Heating to 1500° F | 1800-2600 lbs/sq.in |
| After Heating to 2250° F | 1800-2600 lbs/sq.in |
| Cold Crushing Strength | |
| After Drying at 230° F | 10000-15000 lbs/sq.in. |
| After Heating to 1500° F | 10000-15000 lbs/sq.in |
| After Heating to 2250° F | 10000-15000 lbs/sq.in. |
| Linear Change, % | |
| After Drying at 230° F | 0.0 to -0.5 |
| After Heating to 1500° F | 0.0 to -0.4 |
| After Heating to 2250° F | 0.0 to -0.5 |
| Erosion Resistance (ASTM C704) | Less than 9 cc loss. (Typical: 4 – 6 cc loss) |
| Typical Chemical Analysis, % | |
| Al ₂ O ₃ | 83.0 |
| SiO ₂ | 11.1 |
| CaO | 1.2 |
| TiO ₂ | 2.9 |
| Fe ₂ O ₃ | 1.2 |
| MgO | 0.3 |
| Alkalies | 0.3 |

SPARCAST LC 32 B AL is available in 55# bags and various sized bulk bags, palletized and shrink-wrapped.

NOTE: CASTABLES MUST BE STORED IN A 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.