

SPARGUN 416 AS-C

SPARGUN 416AS-C is an alumina, silicon carbide, carbon general duty refractory castable designed for use in the ferrous metals industry. It is designed to be installed by gunning.

PHYSICAL PROPERTIES

| | |
|---|-------------------------|
| Maximum Service Temperature | 3100°F |
| Dry Castable Requirement | 143 - 155 lbs./cu.ft. |
| Typical Water Required for Predampening | 0.5 – 1.50 qts / 55 lbs |
| Bulk Density (at 230°F) | 150 - 163 lbs./cu.ft |
| Modulus of Rupture | |
| After Drying at 230°F | 200-400 lbs/sq.in. |
| After Heating to 1500°F | 200-600 lbs/sq.in |
| After Heating to 2250°F | 200-700 lbs/sq.in |
| Cold Crushing Strength | |
| After Drying at 230°F | 2000-4000 lbs/sq.in. |
| After Heating to 1500°F | 1500-4000 lbs/sq.in |
| After Heating to 2250°F | 2000-6000 lbs/sq.in |
| Linear Change, % | |
| After Drying at 230°F | 0.0 to -0.5 |
| After Heating to 1500°F | 0.0 to -0.5 |
| After Heating to 2250°F | 0.0 to -0.6 |
| Typical Chemical Analysis, % | |
| Al ₂ O ₃ + Carbon | 49.9 |
| SiC | 39.0 |
| Fe ₂ O ₃ | 0.4 |
| Alkalies | 0.5 |

SPARGUN 416 AS-C is available in 55[#] bags and 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.