

SPARSHOT FS-P

SPARSHOT FS-P is a high purity fused silica, two component castable that includes a fused silica based dry mix and a separate liquid binder added at the mixer. **SPARSHOT FS-P** can be applied by pumpcasting, and can be shotcreted with no activator for hot installations.

PHYSICAL PROPERTIES

| | |
|-------------------------------------|-----------------------|
| Maximum Service Temperature | 2900°F |
| Dry Castable Requirement | 110 -113 lbs./cu.ft. |
| Liquid Binder Required: for pumping | 12.5% by weight |
| Mix Water Required: for pumping | 0.3 to 1.0% by Weight |
| Modulus of Rupture | |
| After Heating to 1500°F | 700 – 800 lbs/sq.in |
| Cold Crushing Strength | |
| After Heating to 1500°F | 3000 – 5000 lbs/sq.in |
| Linear Change, % | |
| After Heating to 1500°F | 0.0 to -0.2 |
| Apparent Porosity, % | |
| After Heating to 1500°F | 19 - 20 |
| Typical Chemical Analysis, % | |
| Al ₂ O ₃ | 0.2 |
| SiO ₂ | 99.6 |
| CaO | 0.0 |
| TiO ₂ | 0.0 |
| Fe ₂ O ₃ | 0.0 |
| MgO | 0.2 |

SPARSHOT FS-P is available in 50# bags,100# bags, 1500#, 2000# and 3000# 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.