

## SPARPLAS 70-10 SC

**SPARPLAS 70-10 SC** is a high alumina, mullite based, phosphate bonded plastic that contains 10% silicon carbide. It exhibits superior resistance to erosion, good volume stability, and high strength throughout its temperature range.

Maximum Service Temperature	3100 °F
Weight Requirement	165-170 lbs./cu.ft.
Cold Crushing Strength	
After Heating to 1750°F	4000-8000 lbs/sq.in
Modulus of Rupture	
After Heating to 1750°F	2000-2500 lbs/sq.in
Linear Change , %	
Green to 230°F	-1.2 to -1.6
Dried to 1750°F	-0.1 to - 0.3

### TYPICAL CHEMICAL ANALYSIS, %

Al <sub>2</sub> O <sub>3</sub>	67.6
SiO <sub>2</sub>	15.7
SiC	10.3
P <sub>2</sub> O <sub>5</sub>	3.5
TiO <sub>2</sub>	1.5
Fe <sub>2</sub> O <sub>3</sub>	0.9
CaO	0.1
MgO	0.2

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

**SPARPLAS 70-10 SC** is available in 2" or 3" slices, packaged in 80# polylined corrugated boxes, 3840# per pallet.

**NOTE: PLASTICS MUST BE STORED IN COOL 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.