

### SPARPLAS 85PC

**SPARPLAS 85PC** is a high alumina, phosphate bonded fine plastic. It exhibits superior resistance to erosion, good volume stability, and high strength throughout its temperature range.

<b>Maximum Service Temperature</b>	3100°F
<b>Weight Requirement</b>	180-185 lbs./cu.ft.
<b>Cold Crushing Strength</b>	
After Heating to 1750°F	4000-8000 lbs/sq.in
<b>Modulus of Rupture</b>	
After Heating to 1750°F	2000-2500 lbs/sq.in
<b>Linear Change, %</b>	
After Heating to 1750°F	-0.1 to -0.3
<b>Erosion Resistance (ASTM C704)</b>	Less than 10 cc loss.

#### TYPICAL CHEMICAL ANALYSIS, %

Al <sub>2</sub> O <sub>3</sub>	85.2
SiO <sub>2</sub>	8.1
TiO <sub>2</sub>	1.6
Fe <sub>2</sub> O <sub>3</sub>	1.1
CaO	0.3
MgO	0.2
P <sub>2</sub> O <sub>5</sub>	3.5

**SPARPLAS 85PC** is packaged in 75# polylined corrugated boxes, 3600# per pallet.

**NOTE: PLASTICS MUST BE STORED IN COOL PLACE**

Data shown are average results of standard ASTM testing unless otherwise noted. Results may vary subject to normal variations in manufacturing, testing, and installation procedures in the field.