

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.

Maximum Service Temperature	3100°F
Weight Requirement	180-185 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, %	
After Heating to 1750°F	-0.1 to -0.3
Erosion Resistance (ASTM C704)	Less than 10 cc loss.

TYPICAL CHEMICAL ANALYSIS, %

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

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

**NOTE: PLASTICS MUST BE STORED IN COOL PLACE
DO NOT ALLOW MATERIAL TO FREEZE**

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.