

SPARPLAS 85 P

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

Maximum Service Temperature	3100°F
Weight Requirement	170-175 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
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 85P is available in 2" or 3" slices, packaged in 80# poly lined corrugated boxes, 3840# 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.