

SPARPLAS 75 HS

SPARPLAS 75 HS is a high alumina, high mullite, 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	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
Erosion Resistance (ASTM C704)	Less than 10 cc loss.

TYPICAL CHEMICAL ANALYSIS, %

Al ₂ O ₃	73.9
SiO ₂	18.9
P ₂ O ₅	3.5
TiO ₂	2.3
Fe ₂ O ₃	1.1
CaO	0.2
MgO	0.1

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

SPARPLAS 75 HS is available in 2" or 3" slices, packaged in 50# polylined corrugated cartons, 75/50# cartons per pallet or 75# polylined corrugated cartons, 50/75# cartons 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.