SPAR, Inc.
REFRACTORY SPECIALISTS

PLASTIC SPECIALTIES

PRODUCT DATA

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_2O_3	73.9
SiO_2	18.9
P_2O_5	3.5
TiO_2	2.3
Fe_2O_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 75# polylined corrugated boxes, 3600# 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.

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