

SPARPLAS 90 PX

SPARPLAS 90 PX is a tabular alumina, chromic oxide, phosphate bonded plastic. It has outstanding penetration resistance to acid and to neutral or slightly basic slags.

Maximum Service Temperature	3400° F
Weight Requirement:	200 - 205 lbs/cu.ft.
Bulk Density after 230° F	188 - 195 lbs/cu.ft.
Cold Crushing Strength After Heating to 1500°F	4000-8000 lbs/sq.in
Modulus of Rupture After Heating to 1500°F	900-1500 lbs/sq.in
Linear Change, % Green to 230°F	-1.2 to -1.7
Dried to 1500°F	-0.1 to -0.4

TYPICAL CHEMICAL ANALYSIS, %

Al ₂ O ₃	89.9
SiO ₂	2.3
TiO ₂	0.1
Fe ₂ O ₃	0.1
CaO	0.1
MgO	0.1
Alkalies	0.3
Cr ₂ O ₃	4.9
P ₂ O ₅	2.3

SPARPLAS 90 PX is packaged in 55# or 80# polylined, corrugated boxes.

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.