

SPARPLAS SC 85 P

SPARPLAS SC 85 P is a SiC, phosphate bonded plastic. It exhibits high strength and high thermal conductivity. It finds use in areas where high heat transfer is important such as tubewalls in power plants and boilers.

Maximum Service Temperature	2700°F
Weight Requirement	142-152 lbs./cu.ft.
Cold Crushing Strength After Heating to 1500°F	3000-6000 lbs/sq.in
Modulus of Rupture After Heating to 1500°F	800-1200 lbs/sq.in
Linear Change, % Green to 230°F	-1.2 to -1.6
Dried to 1500°F	-0.1 to -0.4

TYPICAL CHEMICAL ANALYSIS, %

SiC	83.5
Al ₂ O ₃	8.6
SiO ₂	3.7
P ₂ O ₅	3.4
Fe ₂ O ₃	0.5
CaO	0.2
MgO	0.1

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

SPARPLAS SC 85 P is available in slices, packaged in 50# polylined, corrugated boxes, 3750# 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.