

SPARPLAS 85H

SPARPLAS 85H is a high alumina, heat set plastic. It exhibits good strength and will find use in wide variety of applications in the metals and foundry industries.

Maximum Service Temperature	3200° F
Weight Requirement:	170 - 180 lbs/cu.ft.
Cold Crushing Strength	
After Heating to 1750°F	1000-3000 lbs/sq.in
After Heating to 2500°F	2000-5000 lbs/sq.in
Modulus of Rupture	
After Heating to 1750°F	200-600 lbs/sq.in
After Heating to 2500°F	400-900 lbs/sq.in
Linear Change, %	
Green to 230°F	-1.1 to -1.6
Dried to 1750°F	-0.1 to -0.4
Dried to 2500°F	-0.1 to -0.4

TYPICAL CHEMICAL ANALYSIS, %

Al ₂ O ₃	85.6
SiO ₂	10.0
TiO ₂	2.5
Fe ₂ O ₃	1.1

SPARPLAS 85H is available sliced, packaged in 55[#] poly lined, 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.