

## **SPARPLAS 60 HS**

**SPARPLAS 60 HS** is a high alumina heat set plastic refractory that exhibits extra high strength and volume stability throughout the entire temperature range. This product is used in areas where resistance to temperature, erosion, and abrasion are required.

### **PHYSICAL PROPERTIES**

Maximum Service Temperature	3100°F
Bulk Density: (Rammed)	145 – 155 pcf
Modulus of Rupture	
After Heating to 230°F	150-300 psi
After Heating to 1500°F	175-350 psi
Cold Crushing Strength	
After Heating to 230°F	600-800 psi
After Heating to 1500°F	1300-1600 psi
Drying Shrinkage (Green – 230F)	1.3 – 1.5%
Linear Change, %	
After Heating to 1500°F	0.0 - -0.2%

### **TYPICAL CHEMICAL ANALYSIS, %**

AL2O3	57.6
SiO2	37.5
TiO2	2.8
Fe2O3	1.5
CaO	0.2
MgO	0.1
Alkalies	0.3

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

**SPARPLAS 60 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 testing unless otherwise noted. Results may vary subject to normal variations in manufacturing, testing, and installation procedures in the field.