

SPARCON SC 60HP

SPARCON SC 60HP is a silicon-carbide, low-cement bonded, specialty refractory that is strictly a “hand-pack” specialty.

PHYSICAL PROPERTIES

Maximum Service Temperature	2700°F
Mix Water Required (% by weight)	5.5 – 6.5
Bulk Density, lbs/ft ³ (at 230°F)	160
Modulus of Rupture, psi After Heating to 1700°F	3000-4000
Cold Crushing Strength, psi After Heating to 1700°F	14000-18000 lbs/sq.in
Abrasion Resistance (ASTM C-704)	Less than 8.0 cc.loss (Typical: 4 to 6 cc loss)
Linear Change, % After Heating to 1700°F	-0.1 to -0.4
Thermal Conductivity: (BTU/ft ² /Hr/°F/in.)	
At 1000°F	40
At 1700°F	43
Typical Chemical Analysis, %	
SiC	59.4
Al ₂ O ₃	22.4
SiO ₂	15.7
CaO	1.4
TiO ₂	0.4
Fe ₂ O ₃	0.4
Alkalies	0.3

SPARCON SC 60HP is available in 50# bags, 100# bags or 1000#, 2000#, and 3000# bulk bags, palletized and shrink-wrapped.

NOTE: CASTABLE MUST BE STORED IN DRY 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.