

SPARCON 28-10P

SPARCON 28-10P is a high strength, low-cement bonded refractory designed for installation by vibration casting, pumpcasting or shotcreting.

PHYSICAL PROPERTIES

Maximum Service Temperature	2800°F				
Dry Castable Requirement	145 -150 lbs./cu.ft.				
Water requirement:	<table> <tr> <td><u>vibratable consistency</u></td> <td><u>pumpable consistency</u></td> </tr> <tr> <td>4.50 – 5.75%</td> <td>5.75 – 6.25%</td> </tr> </table>	<u>vibratable consistency</u>	<u>pumpable consistency</u>	4.50 – 5.75%	5.75 – 6.25%
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4.50 – 5.75%	5.75 – 6.25%				
Erosion Resistance (ASTM C704)	Less than 13 cc loss. (Typical: 9 – 11 cc loss)				
Modulus of Rupture After Heating to 1500°F	1500-2000 lbs/sq.in.				
Cold Crushing Strength After Heating to 1500°F	9000-13000 lbs/sq.in.				
Linear Change, % After Heating to 1500°F	0.0 to –0.4				
Typical Chemical Analysis, %					
Al ₂ O ₃	41.4				
SiO ₂	42.8				
SiC	11.7				
CaO	1.4				
TiO ₂	1.4				
Fe ₂ O ₃	0.9				
MgO	0.1				
Alkalies	0.3				

SPARCON 28-10P is available in 55[#] bags and bulk bags, palletized and shrink-wrapped.

NOTE: CASTABLES MUST BE STORED IN A DRY 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.