



PRODUCT INFORMATION SHEET

SPHERE B6

CLASSIFICATION	HIGH ALUMINA LOW CEMENT CASTABLE (Aluminum Resistant)		
PHYSICAL PROPERTIES	Max. Service Temperature	⁰ C	1200
	Max. Grain Size of Aggregates	mm.	5
	Approx. Weight Required for Casting	Kg./m ³	2500
	Approx. Amount of Water Required for Casting	%	6-7
	Bulk Density After Drying at 110 ⁰ C	Kg./m ³	2390
	Modulus of Rupture After Drying at 110 ⁰ C	Kg./cm ²	60-70
	Cold Crushing Strength After Heating at 110 ⁰ C	Kg./cm ²	500-600
	Bulk Density After Heating at 900 ⁰ C	Kg./m ³	2390
	Modulus of Rupture After Heating at 900 ⁰ C	Kg./cm ²	90-100
	Cold Crushing Strength After Heating at 900 ⁰ C	Kg./cm ²	700-800
Permanent Linear Change After Heating 900 ⁰ C	%	+0.05	
CHEMICAL COMPOSITION APPROX. (%)	Alumina (Al ₂ O ₃)	%	60
	Silica (SiO ₂)	%	33
	Iron Oxide (Fe ₂ O ₃)	%	1.0
	Lime (CaO)	%	1.2

The data cannot be used for specification and guarantee purpose – reasonable variances in data can be expected.

Product data is update periodically to reflect product / raw material / process / testing changes. Please contact

BST's representative for the most updated data.

We are refractory solutions