



PRODUCT INFORMATION SHEET

BS-30

CLASSIFICATION	LOW CEMENT CASTABLE- SIC		
PHYSICAL PROPERTIES	Max. Service Temperature	⁰ C	1600
	Max. Grain Size of Aggregates	mm.	5
	Approx. Weight Required for Casting	Kg./m ³	2600
	Approx. Amount of Water Required for Casting	%	5-6
	Bulk Density After Drying at 110 ⁰ C	Kg./m ³	2600
	Modulus of Rupture After Drying at 110 ⁰ C	Kg./cm ²	130-150
	Cold Crushing Strength After Heating at 110 ⁰ C	Kg./cm ²	600-700
	Bulk Density After Heating at 1400 ⁰ C	Kg./m ³	2620
	Modulus of Rupture After Heating at 1400 ⁰ C	Kg./cm ²	200-250
	Cold Crushing Strength After Heating at 1400 ⁰ C	Kg./cm ²	≥1000
CHEMICAL COMPOSITION APPROX. (%)	Alumina (Al ₂ O ₃)	%	47.1
	Silica (SiO ₂)	%	20.3
	Silicon Carbide (SiC)	%	30
	Iron Oxide (Fe ₂ O ₃)	%	1.2
	Lime (CaO)	%	1.1

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