



PRODUCT INFORMATION SHEET

KS-30

CLASSIFICATION	LOW CEMENT CASTABLE- SiC		
PHYSICAL PROPERTIES	Max. Service Temperature	°C	1400
	Max. Grain Size of Aggregates	mm.	5
	Approx. Weight Required for Casting	Kg./m ³	2280-2320
	Approx. Amount of Water Required for Casting	%	7-7.5
	Bulk Density After Drying at 110 °C	Kg./m ³	2280-2320
	Modulus of Rupture After Drying at 110 °C	Kg./cm ²	75-85
	Cold Crushing Strength After Heating at 110 °C	Kg./cm ²	450-500
	Bulk Density After Heating at 1100 °C	Kg./m ³	2350
	Modulus of Rupture After Heating at 1100 °C	Kg./cm ²	150-160
	Cold Crushing Strength After Heating at 1100 °C	Kg./cm ²	1000-1100
Permanent Linear Change After Heating 1100 °C	%	+0.2	
CHEMICAL COMPOSITION	Alumina (Al ₂ O ₃)	%	32.5
	Silica (SiO ₂)	%	32.07
	APPROX. (%) 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