



PRODUCT INFORMATION SHEET

CASTABLE 17 CG

CLASSIFICATION	COARSE GRAIN CASTABLE		
PHYSICAL PROPERTIES	Max. Service Temperature	⁰ C	1700
	Max. Grain Size of Aggregates	mm.	5
	Approx. Weight Required for Casting	Kg./m ³	2650-2700
	Approx. Amount of Water Required for Casting	%	8-9
	Bulk Density After Drying at 110 ⁰ C	Kg./m ³	2680-2700
	Modulus of Rupture After Drying at 110 ⁰ C	Kg./cm ²	90-100
	Cold Crushing Strength After Drying at 110 ⁰ C	Kg./cm ²	700-800
	Bulk Density After Heating at 1400 ⁰ C	Kg./m ³	2700
	Modulus of Rupture After Heating at 1400 ⁰ C	Kg./cm ²	120-130
	Cold Crushing Strength After Heating at 1400 ⁰ C	Kg./cm ²	900-1000
Permanent Linear Change After Heating 1400 ⁰ C	%	-0.5	
THERMAL CONDUCTIVITY	at 400 ⁰ C	(W/m.K)	1.85
	at 600 ⁰ C	(W/m.K)	1.85
	at 1000 ⁰ C	(W/m.K)	1.87
CHEMICAL COMPOSITION APPROX. (%)	Alumina (Al ₂ O ₃)	%	80.0
	Silica (SiO ₂)	%	12.0
	Iron Oxide (Fe ₂ O ₃)	%	1.2
	Calcium Oxide (CaO)	%	2.4

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