



PRODUCT INFORMATION SHEET

CASTABLE 13CG

CLASSIFICATION	Conventional Castable		
PHYSICAL PROPERTIES	Max. Service Temperature	⁰ C	1350
	Max. Grain Size of Aggregates	mm.	8
	Approx. Weight Required for Casting	Kg./m ³	2110
	Approx. Amount of Water Required for Casting	%	10-11
	Bulk Density After Drying at 110 ⁰ C	Kg./m ³	2150
	Modulus of Rupture After Drying at 110 ⁰ C	Kg./cm ²	80-90
	Cold Crushing Strength After Heating at 110 ⁰ C	Kg./cm ²	500-550
	Modulus of Rupture After Heating at 1200 ⁰ C	Kg./cm ²	60-70
	Cold Crushing Strength After Heating at 1200 ⁰ C	Kg./cm ²	350-400
	Permanent Linear Change After Heating 1200 ⁰ C	%	+0.2
THERMAL CONDUCTIVITY	at 400 ⁰ C	(W/m.K)	1.14
	at 600 ⁰ C	(W/m.K)	1.20
	at 1000 ⁰ C	(W/m.K)	1.35
CHEMICAL COMPOSITION APPROX. (%)	Alumina (Al ₂ O ₃)	%	43.5
	Silica (SiO ₂)	%	45.0
	Iron Oxide (Fe ₂ O ₃)	%	1.5
	Lime (CaO)	%	4.0

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