PRODUCT INFORMATION SHEET

CASTABLE 15

CLASSIFICATION	**CONVENTIONAL CASTABLE**		
PHYSICAL PROPERTIES	Max. Service Temperature	^0C	1500
	Max. Grain Size of Aggregates	mm.	5
	Approx. Weight Required for Casting	$Kg./m^3$	2150-2200
	Approx. Amount of Water Required for Casting	%	10-12
	Bulk Density After Drying at 110 ^0C	$Kg./m^3$	2050-2150
	Modulus of Rupture After Drying at 110 ^0C	$Kg./cm^2$	70-80
	Cold Crushing Strength After Drying at 110 ^0C	$Kg./cm^2$	300-350
	Bulk Density After Heating at 1400 ^0C	$Kg./m^3$	2160
	Modulus of Rupture After Heating at 1400^0C	$Kg./cm^2$	80-90
	Cold Crushing Strength After Heating at 1400 ^0C	$Kg./cm^2$	420-450
	Permanent Linear Change After Heating 1400 ^0C	%	-0.9
THERMAL CONDUCTIVITY	at 400 ^0C	(W/m.K)	1.18
	at 600 ^0C	(W/m.K)	1.23
	at 1000 ^0C	(W/m.K)	1.38
CHEMICAL COMPOSITION APPROX. (%)	Alumina (Al_2O_3)	%	52
	Silica (SiO_2)	%	38
	Iron Oxide (Fe_2O_3)	%	1.2
	Calcium Oxide (CaO)	%	6.6

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