PRODUCT INFORMATION SHEET

CASTABLE 13 MJ

CLASSIFICATION	**Conventional Castable**		
PHYSICAL PROPERTIES	Max. Service Temperature	^0C	1300
	Max. Grain Size of Aggregates	mm.	3
	Approx. Weight Required for Casting	$Kg./m^3$	2050-2100
	Approx. Amount of Water Required for Casting	%	13 - 15
	Bulk Density After Drying at 110 ^0C	$Kg./m^3$	2050 - 2100
	Modulus of Rupture After Drying at 110 ^0C	$Kg./cm^2$	45 -55
	Cold Crushing Strength After Heating at 110 ^0C	$Kg./cm^2$	250 -280
	Modulus of Rupture After Heating at 1260 ^0C	$Kg./cm^2$	35 - 40
	Cold Crushing Strength After Heating at 1260 ^0C	$Kg./cm^2$	220 - 250
	Permanent Linear Change After Heating 1260 ^0C	%	-0.5
THERMAL CONDUCTIVITY	at 400 ^0C	(W/m.K)	1.13
	at 600 ^0C	(W/m.K)	1.16
	at 1000 ^0C	(W/m.K)	1.28
CHEMICAL COMPOSITION APPROX. (%)	Alumina (Al_2O_3)	%	36
	Silica (SiO_2)	%	55
	Iron Oxide (Fe_2O_3)	%	2.5
	Lime (CaO)	%	4.8

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