



PRODUCT INFORMATION SHEET

CASTABLE 17

CLASSIFICATION	High Alumina Conventional Castable		
PHYSICAL PROPERTIES	Max. Service Temperature	⁰ C	1700
	Max. Grain Size of Aggregates	mm.	5
	Approx. Weight Required for Casting	Kg./m ³	2600 - 2700
	Approx. Amount of Water Required for Casting	%	6 - 8
	Bulk Density After Drying at 110 ⁰ C	Kg./m ³	2580 - 2650
	Modulus of Rupture After Drying at 110 ⁰ C	Kg./cm ²	110-130
	Cold Crushing Strength After Drying at 110 ⁰ C	Kg./cm ²	650-750
	Bulk Density After Heating at 1400 ⁰ C	Kg./m ³	2760
	Modulus of Rupture After Heating at 1400 ⁰ C	Kg./cm ²	120-140
	Cold Crushing Strength After Heating at 1400 ⁰ C	Kg./cm ²	450-550
Permanent Linear Change After Heating 1400 ⁰ C	%	-0.4	
CHEMICAL COMPOSITION APPROX. (%)	Alumina (Al ₂ O ₃)	%	95
	Silica (SiO ₂)	%	1.0
	Iron Oxide (Fe ₂ O ₃)	%	0.1
	Calcium Oxide (CaO)	%	4.2

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