



PRODUCT INFORMATION SHEET

PLASTIC 43

CLASSIFICATION	CLAY BONDED CHAMOTTE BASED PLASTIC REFRACTORY		
PHYSICAL PROPERTIES	Max. Service Temperature	⁰ C	1400
	Max. Grain Size of Aggregates	mm.	5
	Approx. Weight Required as Rammed	Kg./m ³	2300-2400
	Bulk Density After Drying at 110 ⁰ C	Kg./m ³	2200-2300
	Modulus of Rupture After Drying at 110 ⁰ C	Kg./cm ²	7-10
	Cold Crushing Strength After Drying at 110 ⁰ C	Kg./cm ²	40-50
	Permanent Linear Change After Drying at 110 ⁰ C	%	-1.5
	Modulus of Rupture After Heating at 1400 ⁰ C	Kg./cm ²	45-50
	Cold Crushing Strength After Heating at 1400 ⁰ C	Kg./cm ²	150-180
	Permanent Linear Change After Heating 1400 ⁰ C	%	-2.0
CHEMICAL COMPOSITION	Alumina (Al ₂ O ₃)	%	45
	Silica (SiO ₂)	%	52
	Iron Oxide (Fe ₂ O ₃)	%	1.0
APPROX. (%)			

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