



PRODUCT INFORMATION SHEET

PLASTIC 80P

CLASSIFICATION	Phosphated bonded Plastic Refractory		
PHYSICAL PROPERTIES	Max. Service Temperature	⁰ C	1500
	Max. Grain Size of Aggregates	mm.	5
	Bulk Density After Drying at 110 ⁰ C	Kg./m ³	2690
	Modulus of Rupture After Drying at 110 ⁰ C	Kg./cm ²	25
	Cold Crushing Strength After Drying at 110 ⁰ C	Kg./cm ²	220
	Bulk Density After Heating at 1400 ⁰ C	Kg./m ³	2645
	Modulus of Rupture After Heating at 1400 ⁰ C	Kg./cm ²	58
	Cold Crushing Strength After Heating at 1400 ⁰ C	Kg./cm ²	450
	Permanent Linear Change After Heating 1400 ⁰ C	%	-0.5
			.
CHEMICAL COMPOSITION APPROX. (%)	Alumina (Al ₂ O ₃)	%	84
	Titanium Dioxide (TiO ₂)	%	2.2
	Iron Oxide (Fe ₂ O ₃)	%	1
	Phosphate (P ₂ O ₅)	%	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