



## PRODUCT INFORMATION SHEET

PLASTIC 80

CLASSIFICATION	HIGH ALUMINA PLASTIC REFRACTORY		
<b>PHYSICAL PROPERTIES</b>	Max. Service Temperature	<sup>0</sup> C	1600
	Max. Grain Size of Aggregates	mm.	5
	Bulk Density After Drying at 110 <sup>0</sup> C	Kg./m <sup>3</sup>	2670
	Modulus of Rupture After Drying at 110 <sup>0</sup> C	Kg./cm <sup>2</sup>	30
	Cold Crushing Strength After Drying at 110 <sup>0</sup> C	Kg./cm <sup>2</sup>	125
	Bulk Density After Heating at 1400 <sup>0</sup> C	Kg./m <sup>3</sup>	2570
	Modulus of Rupture After Heating at 1400 <sup>0</sup> C	Kg./cm <sup>2</sup>	70
	Cold Crushing Strength After Heating at 1400 <sup>0</sup> C	Kg./cm <sup>2</sup>	450
	Permanent Linear Change After Heating 1400 <sup>0</sup> C	%	-0.9
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<b>CHEMICAL COMPOSITION</b>  APPROX. (%)	Alumina (Al <sub>2</sub> O <sub>3</sub> )	%	75
	Silica (SiO <sub>2</sub> )	%	15
	Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> )	%	1.2

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.

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