



PRODUCT INFORMATION SHEET

ALKA 60

CLASSIFICATION	ALKALINE RESISTANT LOW CEMENT CASTABLE		
PHYSICAL PROPERTIES	Max. Service Temperature	⁰ C	1400
	Max. Grain Size of Aggregates	mm.	5
	Approx. Weight Required for Casting	Kg./m ³	2050
	Approx. Amount of Water Required for Casting	%	6 - 7
	Bulk Density After Drying at 110 ⁰ C	Kg./m ³	2100
	Modulus of Rupture After Drying at 110 ⁰ C	Kg./cm ²	90
	Cold Crushing Strength After Drying at 110 ⁰ C	Kg./cm ²	600
	Bulk Density After Heating at 1100 ⁰ C	Kg./m ³	2110
	Modulus of Rupture After Heating at 1100 ⁰ C	Kg./cm ²	130
	Cold Crushing Strength After Heating at 1100 ⁰ C	Kg./cm ²	1200
Permanent Linear Change After Heating at 1100 ⁰ C	%	-0.2	
CHEMICAL COMPOSITION APPROX. (%)	Alumina (Al ₂ O ₃)	%	35
	Silica (SiO ₂)	%	60
	Iron Oxide (Fe ₂ O ₃)	%	1.5
	Lime (CaO)	%	1.1

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