



PRODUCT INFORMATION SHEET

UL80

CLASSIFICATION	Ultra Low Cement Castable		
PHYSICAL PROPERTIES	Max. Service Temperature	⁰ C	1700
	Max. Grain Size of Aggregates	mm.	5
	Approx. Weight Required for Casting	Kg./m ³	2800
	Approx. Amount of Water Required for Casting	%	5-6
	Bulk Density After Drying at 110 ⁰ C	Kg./m ³	2780
	Modulus of Rupture After Drying at 110 ⁰ C	Kg./cm ²	50
	Cold Crushing Strength After Heating at 110 ⁰ C	Kg./cm ²	300
	Bulk Density After Drying at 1400 ⁰ C	Kg./m ³	2840
	Modulus of Rupture After Drying at 1400 ⁰ C	Kg./cm ²	150
	Cold Crushing Strength After Heating at 1400 ⁰ C	Kg./cm ²	1540
Permanent Linear Change After Heating 1400 ⁰ C	%	-0.2	
CHEMICAL COMPOSITION	Alumina (Al ₂ O ₃)	%	78.9
APPROX. (%)	Silica (SiO ₂)	%	12.5
	Iron Oxide (Fe ₂ O ₃)	%	1.00
	Lime (CaO)	%	0.56

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