



TECHNICAL DATASHEET

C10 LW

CLASSIFICATION	INSULATING CASTABLE		
PHYSICAL PROPERTIES	Max. Service Temperature	⁰ C	1000
	Max. Grain Size of Aggregates	mm.	3
	Approx. Amount of Water Required for Casting	%	110
	Bulk Density After Drying at 110 ⁰ C	Kg./m ³	580
	Modulus of Rupture After Drying at 110 ⁰ C	Kg./cm ²	5
	Cold Crushing Strength After Drying at 110 ⁰ C	Kg./cm ²	15
	Bulk Density After Heating at 925 ⁰ C	Kg./m ³	570
	Modulus of Rupture After Heating at 925 ⁰ C	Kg./cm ²	15
	Cold Crushing Strength After Heating at 925 ⁰ C	Kg./cm ²	30
	Permanent Linear Change After Heating 925 ⁰ C	%	-0.5
THERMAL CONDUCTIVITY	at 400 °C	(W/m.K)	0.14
	at 600 °C	(W/m.K)	0.16
	at 800 °C	(W/m.K)	0.18
CHEMICAL COMPOSITION APPROX. (%)	Alumina (Al ₂ O ₃)	%	24
	Silica (SiO ₂)	%	44
	Iron Oxide (Fe ₂ O ₃)	%	1.0
	Calcium Oxide (CaO)	%	27

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