

**MEDIUM PURITY DENSE CASTABLE
FOR BOILER ASH HOPPER
REFRACTORY MONOLITHIC**

PRODUCT:	BOILERCRETE C / G
PRODUCT CLASS:	REFRACTORY MONOLITHIC
NATURE OF BOND:	HYDRAULIC
INSTALLATION:	VIBRATION CASTING / GUNNING

GENERAL PROPERTIES

MAX. SERVICE TEMPERATURE:	1000 °C
MAXIMUM GRAIN SIZE:	5 mm
WATER REQUIRED FOR CASTING:	11.0 – 13.0 %

CHEMICAL ANALYSIS, %

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Fe ₂ O ₃	2.5 – 3.5	2.9	BIS 12107 Part 6

PHYSICAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Dry density, g / cc after drying at 110 °C / 24 hrs	2.00 – 2.15	2.05	BIS 10570
CCS, kg/cm ² after drying at 110 °C / 24 hrs	200 – 300	265	BIS 10570
after heating at 800 °C / 3 hrs	170 – 250	210	BIS 10570
% Retained on maximum size	0 – 5	1.2	BIS 1528 Part 14

THERMAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
PLC, % after heating at 800 °C / 3 hrs	(+ 0.20) to (-0.60)	-0.43	BIS 10570

Packaging: 25 kg bags

Delivery State: Dry

Storage Life: Best till 9 months from the date of production, if stored in proper condition.

Note:

(1) The data are current production averages. They can not be used as limits for specification.