



LOW CEMENT CASTABLE

PRODUCT: ACCMON 60
TYPE: 60 % ALUMINA LC CASTABLE
NATURE OF BOND: HYDRAULIC
INSTALLATION: VIBRATION CASTING

GENERAL PROPERTIES

MAX. SERVICE TEMPERATURE: 1600 °C
MAXIMUM GRAIN SIZE: 6 mm
WATER REQUIRED FOR CASTING: 5.5 – 6.2 %

CHEMICAL ANALYSIS, %

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Al ₂ O ₃	57 – 61	59.5	BIS 12107 Part 3
CaO	1.7 – 2.2	2.05	ASTM C 573
Fe ₂ O ₃	1.0 – 1.5	1.35	BIS 12107 Part 6

PHYSICAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Dry density, g / cc after drying at 110 °C / 24 hrs	2.50 – 2.62	2.52	BIS 10570
CCS, kg/cm ² after drying at 110 °C / 24 hrs	670 – 770	725	BIS 10570
after heating at 1100 °C / 3 hrs	800 – 900	880	BIS 10570
after heating at 1500 °C / 3 hrs	950 – 1050	1015	BIS 10570
% Retained on maximum size	0 – 5	1	BIS 1528 Part 14

THERMAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Refractoriness, Orton / °C		+ 36 / + 1804	BIS 1528 Part 1
PLC, % after heating at 1100 °C / 3 hrs	(- 0.30) to (+ 0.30)	-0.12	BIS 10570
after heating at 1500 °C / 3 hrs	(- 1.00) to (+ 1.00)	-0.70	BIS 10570

Packaging: 50 kg bags

Delivery State: Dry

Storage Life: Best till 6 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.
- (2) Extended Storage Life can be achieved when the product is supplied in 2 – pack.

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