



ALUMINOUS GUNNING MASS

PRODUCT : ACCGUN 50
TYPE : 50% Al₂O₃ GUNNING MASS
NATURE OF BOND : HYDRAULIC
INSTALLATION : GUNNING

GENERAL PROPERTIES

MAX. SERVICE TEMPERATURE: 1500 °C
MAXIMUM GRAIN SIZE: 5 mm
WATER REQUIRED FOR APPLICATION: 9.0 – 11.0 %

CHEMICAL ANALYSIS, %

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Al ₂ O ₃	49 – 51.5	52.1	BIS 12107 Part 3
Fe ₂ O ₃	0.90 – 1.30	1.10	BIS 12107 Part 6
CaO	7.0 – 8.2	7.70	ASTM C 573

PHYSICAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Dry density, g / cc after drying at 110 °C / 24 hrs	2.16 – 2.25	2.21	BIS 10570
CCS, kg/cm ² after drying at 110 °C / 24 hrs	550 – 700	640	BIS 10570
after heating at 1100 °C / 3 hrs	280 – 475	340	BIS 10570
after heating at 1400 °C / 3 hrs	500 – 750	650	BIS 10570
% Retained on maximum size	0 – 5	0.6	BIS 1528 Part 14

THERMAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Refractoriness, Orton / °C		+ 23 / + 1605	BIS 1528 Part 1
PLC, % after heating at 1400 °C / 3 hrs	+0.75 to -1.30	- 1.20	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.

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