



**CONVENTIONAL GUNNING
MATERIALS**

PRODUCT : ACCGUN 94 SUPER
TYPE : 94% Al₂O₃ GUNNING MASS
NATURE OF BOND : HYDRAULIC
INSTALLATION : GUNNING

GENERAL PROPERTIES

MAX. SERVICE TEMPERATURE: 1700 °C
MAXIMUM GRAIN SIZE: 4 mm
WATER REQUIRED FOR APPLICATION: 9.0 – 11.0 %

CHEMICAL ANALYSIS, %

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Al ₂ O ₃	91 – 94	92.42	BIS 12107 Part 3
Fe ₂ O ₃	0.15 – 0.35	0.17	BIS 12107 Part 6

PHYSICAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Dry density, g / cc after drying at 110 °C / 24 hrs	2.60 – 2.75	2.75	BIS 10570
CCS, kg/cm ² after drying at 110 °C / 24 hrs	350 – 500	475	BIS 10570
after heating at 1100 °C / 3 hrs	150 – 250	200	BIS 10570
after heating at 1550 °C / 3 hrs	300 – 500	400	BIS 10570
% Retained on maximum size	0 – 5		BIS 1528 Part 14

THERMAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Refractoriness, Orton / °C		+ 38 / + 1835	BIS 1528 Part 1
PLC, % after heating at 1550 °C / 3 hrs	-2.0 to + 1.0	-0.85	BIS 10570

Packaging: 50 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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