



**HIGH PURITY INSULATING CASTABLE**

**PRODUCT:** ACCGUN INS 8S  
**TYPE:** INSULATING GUNNING MATERIAL  
**NATURE OF BOND:** HYDRAULIC  
**INSTALLATION:** GUNNING

**GENERAL PROPERTIES**

MAX. SERVICE TEMPERATURE: 1300 °C  
MAXIMUM GRAIN SIZE: 6 mm  
WATER REQUIRED FOR CASTING: 40 – 48 %

**CHEMICAL ANALYSIS, %**

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Al <sub>2</sub> O <sub>3</sub>	40 - 43	41	BIS 12107 Part 3
Fe <sub>2</sub> O <sub>3</sub>	0.80 – 1.20	1.10	BIS 12107 Part 6

**PHYSICAL PROPERTIES**

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Dry density, g / cc after drying at 110 °C / 24 hrs	0.90 – 1.05	0.98	BIS 10570
CCS, kg/cm <sup>2</sup> after drying at 110 °C / 24 hrs	25 – 40	30	BIS 10570
after heating at 1100 °C / 3 hrs	20 – 35	23	BIS 10570
after heating at 1300 °C / 3 hrs	30 – 50	35	BIS 10570
% Retained on maximum size	0 – 5	1.2	BIS 1528 Part 14

**THERMAL PROPERTIES**

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Refractoriness, Orton / °C		>14 / > 1398	BIS 1528 Part 1
PLC, % after heating at 1100 °C / 3 hrs	(- 0.70) to (+0.30)	-0.25	BIS 10570
after heating at 1300 °C / 3 hrs	(- 1.20) to (+0.50)	-0.80	BIS 10570
Thermal Conductivity, kcal / m / hr / °C at 500 °C HF	0.18 – 0.23	0.20	WATER CALORIMETRIC METHOD

**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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