



PLASTICS

PRODUCT : ACCPLAST 80 S
TYPE : 80% ALUMINA PLASTIC
NATURE OF BOND : CHEMICAL/ CERAMIC
INSTALLATION : PNEUMATIC RAMMING

GENERAL PROPERTIES

MAX. SERVICE TEMPERATURE: 1750 °C
MAXIMUM GRAIN SIZE: 4 mm
WATER CONTENT : 5.0 – 7.0 %

CHEMICAL ANALYSIS, %

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Al ₂ O ₃	88.0 – 91.5	91.30	BIS 12107 Part 3
Fe ₂ O ₃	0.15 – 0.40	0.18	BIS 12107 Part 6

PHYSICAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Dry density, g / cc after drying at 260 °C / 3 hrs	2.60 – 2.75	2.72	BIS 10570
CCS, kg/cm ² after drying at 260 °C / 3 hrs	190 – 270	264	BIS 10570
after heating at 800 °C / 3 hrs	400 – 550	455	BIS 10570
after heating at 1500 °C / 3 hrs	500 – 750	584	BIS 10570

THERMAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Refractoriness, Orton / °C		+ 37 / + 1820	BIS 1528 Part 1
PLC, % after heating at 1500 °C / 3 hrs	+1.0 to -1.50	-0.69	BIS 10570

Delivery State: Moistened and Rammable

Storage Life: Best till 3 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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