



PLASTICS

PRODUCT TYPE	:	ACCPLAST 80 AL
NATURE OF BOND	:	80% ALUMINA PLASTIC FOR USE IN
INSTALLATION	:	MOLTEN ALUMINIUM CONTACT
	:	CHEMICAL/ CERAMIC
	:	PNEUMATICRAMMING

GENERAL PROPERTIES

MAX. SERVICE TEMPERATURE:	1450 °C
MAXIMUM GRAIN SIZE:	6 mm
WATER CONTENT: :	6.0 – 9.0 %

CHEMICAL ANALYSIS, %

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Al ₂ O ₃	79.0 – 85.0	84.28	BIS 12107 Part 3
Fe ₂ O ₃	1.20 – 1.60	1.30	BIS 12107 Part 6

PHYSICAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Dry density, g / cc after drying at 260 °C / 3 hrs	2.60 – 2.65	2.62	BIS 10570
CCS, kg/cm ² after drying at 260 °C / 3 hrs	130 – 250	244	BIS 10570
after heating at 800 °C / 3 hrs	350 – 450	441	BIS 10570
after heating at 1400 °C / 3 hrs	350 – 550	469	BIS 10570

THERMAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Refractoriness, Orton / °C		+ 36 / + 1804	BIS 1528 Part 1
PLC, % after heating at 1400 °C / 3 hrs	+1.50 to –1.0	+1.01	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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