

PRODUCT	: ACCPLAST 85
PRODUCT CLASS	: REFRACTORY MONOLITHIC
TYPE	: 80-85% ALUMINA PLASTICS
NATURE OF BOND	: CHEMICAL/ CERAMIC
INSTALLATION	: PNEUMATIC RAMMING

GENERAL PROPERTIES

MAX. SERVICE TEMPERATURE:	1700 °C
MAXIMUM GRAIN SIZE:	5 mm
WATER CONTENT :	8.0 – 10.0 %

CHEMICAL ANALYSIS, %

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Al ₂ O ₃	81.0 – 83.0	82.74	BIS 12107 Part 3
Fe ₂ O ₃	1.30 – 1.60	1.36	BIS 12107 Part 6

PHYSICAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Dry density, g / cc after drying at 260 °C / 3 hrs	2.58 – 2.70	2.64	BIS 10570
CCS, kg/cm ² after drying at 260 °C / 3 hrs	180 – 280	245	BIS 10570
after heating at 800 °C / 3 hrs	350 – 450	422	BIS 10570
after heating at 1550 °C / 3 hrs	450 – 600	498	BIS 10570

THERMAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Refractoriness, Orton / °C		+ 37 / + 1820	BIS 1528 Part 1
PLC, % after heating at 1550 °C / 3 hrs	+1.50 to –0.50	+0.27	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.