

PRODUCT	: ACCPLAST 80 (P)
PRODUCT CLASS	: REFRACTORY MONOLITHIC
TYPE	: PHOSPHATE BONDED ALUMINA PLASTIC
NATURE OF BOND	: CHEMICAL/ CERAMIC
INSTALLATION	: PNEUMATIC RAMMING

GENERAL PROPERTIES

MAX. SERVICE TEMPERATURE:	1700 °C
MAXIMUM GRAIN SIZE:	6 mm
WATER CONTENT:	9.0 – 10.5 %

CHEMICAL ANALYSIS, %

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Fe ₂ O ₃	1.20 – 1.60	1.35	BIS 12107 Part 6

PHYSICAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Dry density, g / cc after drying at 260 °C / 3 hrs	2.25 – 2.50	2.42	BIS 10570
CCS, kg/cm ² after drying at 260 °C / 3 hrs	150 – 350	255	BIS 10570
after heating at 800 °C / 3 hrs	300 – 650	485	BIS 10570
after heating at 1550 °C / 3 hrs	400– 750	615	BIS 10570

THERMAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Refractoriness, Orton / °C		+ 35 / + 1785	BIS 1528 Part 1
PLC, % after heating at 1550 °C / 3 hrs	+0.50 to -1.50	+0.25	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.