



PLASTICS

PRODUCT : ACCPLAST 80 CS
TYPE : 80% ALUMINA COLD SETTING PLASTIC
NATURE OF BOND : ORGANIC / CERAMIC
INSTALLATION : PNEUMATIC RAMMING

GENERAL PROPERTIES

MAX. SERVICE TEMPERATURE: 1750 °C
MAXIMUM GRAIN SIZE: 8 mm
WATER CONTENT: 9.0 – 11.0 %

CHEMICAL ANALYSIS, %

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Al ₂ O ₃	77.0 – 80.0	79.36	BIS 12107 Part 3
Fe ₂ O ₃	1.40 – 1.80	1.714	BIS 12107 Part 6

PHYSICAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Dry density, g / cc after drying at 110 °C / 24 hrs	2.30 – 2.60	2.45	BIS 10570
CCS, kg/cm ² after drying at 110 °C / 24 hrs	30 – 60	50	BIS 10570
after heating at 1400 °C / 3 hrs	150 – 220	220	BIS 10570
after heating at 1550 °C / 3 hrs	150 – 250	240	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 -1.0	+0.70	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.