



PLASTICS

PRODUCT	: ACCPLAST 50 CS
TYPE	: 45 - 50% ALUMINA COLD SETTING PLASTIC
NATURE OF BOND	: ORGANIC / CERAMIC
INSTALLATION	: PNEUMATIC RAMMING

GENERAL PROPERTIES

MAX. SERVICE TEMPERATURE:	1650 °C
MAXIMUM GRAIN SIZE:	6 mm
WATER CONTENT:	9.0 – 10.0 %

CHEMICAL ANALYSIS, %

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Al ₂ O ₃	41.0 – 45.0	41.81	BIS 12107 Part 3
Fe ₂ O ₃	1.0 – 1.30	1.17	BIS 12107 Part 6

PHYSICAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Dry density, g / cc after drying at 110 °C / 24 hrs	2.0 – 2.20	2.15	BIS 10570
CCS, kg/cm ² after drying at 110 °C / 24 hrs	40 – 60	60	BIS 10570
after heating at 800 °C / 3 hrs	100 – 200	120	BIS 10570
after heating at 1400 °C / 3 hrs	150 – 250	200	BIS 10570

THERMAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Refractoriness, Orton / °C		+ 33 / + 1743	BIS 1528 Part 1
PLC, % after heating at 1400 °C / 3 hrs	+0.50 to -1.50	-1.12	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.