

PRODUCT : ACCPLAST 70 SC
TYPE : 70% SILICON CARBIDE PLASTIC
NATURE OF BOND : CHEMICAL/ CERAMIC
INSTALLATION : PNEUMATIC RAMMING

GENERAL PROPERTIES

MAX. SERVICE TEMPERATURE: 1600 °C
 MAXIMUM GRAIN SIZE: 4 mm
 WATER CONTENT : 7.0 – 9.0 %

CHEMICAL ANALYSIS, %

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Al ₂ O ₃	18.0 – 22.0	20.0	BIS 12107 Part 3
Fe ₂ O ₃	0.40 – 0.60	0.50	BIS 12107 Part 6

PHYSICAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Dry density, g / cc after drying at 260 °C / 3 hrs	2.30 – 2.45	2.37	BIS 10570
CCS, kg/cm ² after drying at 260 °C / 3 hrs	150 – 220	193	BIS 10570
after heating at 800 °C / 3 hrs	300 – 400	362	BIS 10570
after heating at 1400 °C / 3 hrs	350 – 450	431	BIS 10570

THERMAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Refractoriness, Orton / °C		+ 30 / + 1665	BIS 1528 Part 1
PLC, % after heating at 1400 °C / 3 hrs	+1.0 to -1.0	-0.51	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.