



VARSHA
REFRACTORIES PVT. LTD.



PLASTICS

PRODUCT : ACCPLAST 15 CR
TYPE : ALUMINA-CHROME PLASTICS WITH 15%Cr₂O₃
NATURE OF BOND : CHEMICAL/ CERAMIC
INSTALLATION : PNEUMATIC RAMMING

GENERAL PROPERTIES

MAX. SERVICE TEMPERATURE: 1650 °C
MAXIMUM GRAIN SIZE: 6 mm
WATER CONTENT: 6.0 – 8.0 %

CHEMICAL ANALYSIS, %

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Al ₂ O ₃	59.0 – 65.0	64.30	BIS 12107 Part 3
Fe ₂ O ₃	0.9 – 1.30	0.93	BIS 12107 Part 6
Cr ₂ O ₃	14.0 – 14.7	14.70	ASTM C-572

PHYSICAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Dry density, g / cc after drying at 260 °C / 3 hrs	2.40 – 2.55	2.54	BIS 10570
CCS, kg/cm ² after drying at 260 °C / 3 hrs	100 – 200	168	BIS 10570
after heating at 800 °C / 3 hrs	150 – 250	219	BIS 10570
after heating at 1550 °C / 3 hrs	250 – 400	380	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	+0.5 to -2.0	-1.23	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.

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