



**VARSHA**  
REFRACTORIES PVT. LTD.



## PLASTICS

**PRODUCT** : ACCPLAST 10 CR SUPER  
**TYPE** : ALUMINA-CHROME PLASTICS WITH 10%Cr<sub>2</sub>O<sub>3</sub>  
**NATURE OF BOND** : CHEMICAL/ CERAMIC  
**INSTALLATION** : PNEUMATIC RAMMING

### GENERAL PROPERTIES

MAX. SERVICE TEMPERATURE: 1700 °C  
MAXIMUM GRAIN SIZE: 4 mm  
WATER CONTENT: 5.0 – 7.0 %

### CHEMICAL ANALYSIS, %

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Al <sub>2</sub> O <sub>3</sub>	85.0 – 87.5	87.25	BIS 12107 Part 3
Fe <sub>2</sub> O <sub>3</sub>	0.15 – 0.50	0.15	BIS 12107 Part 6
Cr <sub>2</sub> O <sub>3</sub>	9.0 – 9.8	9.80	ASTM C-572

### PHYSICAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Dry density, g / cc after drying at 260 °C / 3 hrs	2.50 – 2.70	2.66	BIS 10570
CCS, kg/cm <sup>2</sup> after drying at 260 °C / 3 hrs	100 – 250	201	BIS 10570
after heating at 800 °C / 3 hrs	250 – 400	355	BIS 10570
after heating at 1550 °C / 3 hrs	300 – 450	436	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	-1.55	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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