



**BF STACK GUNNING MASS**

<b>PRODUCT</b>	: ACCGUN 50 BFS R
<b>TYPE</b>	: 50% Al <sub>2</sub> O <sub>3</sub> BF STACK GUNNING MASS
<b>NATURE OF BOND</b>	: HYDRAULIC
<b>INSTALLATION</b>	: GUNNING

**GENERAL PROPERTIES**

MAX. SERVICE TEMPERATURE:	1550 °C
MAXIMUM GRAIN SIZE:	5 mm
WATER REQUIRED FOR APPLICATION:	10.0 – 12.0 %

**CHEMICAL ANALYSIS, %**

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Al <sub>2</sub> O <sub>3</sub>	50 – 53.5	52.1	BIS 12107 Part 3
Fe <sub>2</sub> O <sub>3</sub>	0.55 – 0.90	0.70	BIS 12107 Part 6
CaO	7.0 – 8.0	7.40	ASTM C 573

**PHYSICAL PROPERTIES**

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Dry density, g / cc after drying at 110 °C / 24 hrs	2.10 – 2.23	2.12	BIS 10570
CCS, kg/cm <sup>2</sup> after drying at 110 °C / 24 hrs	500 – 700	635	BIS 10570
after heating at 1100 °C / 3 hrs	280 – 475	350	BIS 10570
after heating at 1400 °C / 3 hrs	460 – 450	670	BIS 10570
% Retained on maximum size	0 – 5	0.6	BIS 1528 Part 14

**THERMAL PROPERTIES**

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Refractoriness, Orton / °C		+ 23 / + 1605	BIS 1528 Part 1
PLC, % after heating at 1400 °C / 3 hrs	+0.75 to 0.75	+0.45	BIS 10570

**Packaging: 25 kg bags**

**Delivery State: Dry**

**Storage Life:** Best till 9 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.

**AUTH. CHANNEL PARTNER - VARSHA REFRATORIES PVT. LTD.**

Address : 04, Kailash Appt. R P Road, Near D Mart, Old RTO Compound, Behind Gurudev Hotel, Kalyan (W) 421301 Tel : 0251-2314832 / 2318832 Fax : 2314831

Email : refractory9@gmail.com Website : www.varsharefractories.com