



**SELF FLOW CASTABLE**

**PRODUCT:** FLOWMON 60 L  
**TYPE:** 60 % ALUMINA SELF FLOW CASTABLE (LC)  
**NATURE OF BOND:** HYDRAULIC  
**INSTALLATION:** POURING

**GENERAL PROPERTIES**

MAX. SERVICE TEMPERATURE: 1600 °C  
MAXIMUM GRAIN SIZE: 6 mm  
WATER REQUIRED FOR CASTING: 6.5 – 7.2 %

**CHEMICAL ANALYSIS, %**

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Al <sub>2</sub> O <sub>3</sub>	61.00 – 64.00	62.2	BIS 12107 Part 3
CaO	1.50 – 1.90	1.82	ASTM C 573
Fe <sub>2</sub> O <sub>3</sub>	0.90 – 1.25	1.10	BIS 12107 Part 6

**PHYSICAL PROPERTIES**

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Dry density, g / cc after drying at 110 °C / 24 hrs	2.51 – 2.57	2.54	BIS 10570
CCS, kg/cm <sup>2</sup> after drying at 110 °C / 24 hrs	450 – 650	525	BIS 10570
after heating at 1100 °C / 3 hrs	400 – 600	510	BIS 10570
after heating at 1500 °C / 3 hrs	700 – 950	880	BIS 10570
% Retained on maximum size	0 – 5	1.0	BIS 1528 Part 14

**THERMAL PROPERTIES**

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Refractoriness, Orton / °C		+35 / +1783	BIS 1528 Part 1
PLC, % after heating at 1100 °C / 3 hrs	(- 0.10) to (-0.40)	-0.18	BIS 10570
after heating at 1500 °C / 3 hrs	(- 1.00) to (-1.80)	-1.20	BIS 10570

**Packaging: 25 kg bags**

**Delivery State: Dry**

**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.
- (2) Extended Storage Life can be achieved when the product is supplied in 2 – pack.

**AUTH. CHANNEL PARTNER - VARSHA REFRACTORIES 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