



**VARSHA**  
REFRACTORIES PVT. LTD.



**LOW CEMENT CASTABLE**

**PRODUCT** : ACCMON 70 LI  
**TYPE** : 70% ALUMINA LC CASTABLE  
**NATURE OF BOND** : HYDRAULIC  
**INSTALLATION** : VIBRATION CASTING

**GENERAL PROPERTIES**

MAX. SERVICE TEMPERATURE: 1650 °C  
MAXIMUM GRAIN SIZE: 6 mm  
WATER REQUIRED FOR CASTING: 4.0 – 5.5 %

**CHEMICAL ANALYSIS, %**

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Al <sub>2</sub> O <sub>3</sub>	68 – 71	69.69	BIS 12107 Part 3
Fe <sub>2</sub> O <sub>3</sub>	0.75 – 1.20	0.84	BIS 12107 Part 6
CaO	1.80 – 2.0	1.89	ASTM C 573

**PHYSICAL PROPERTIES**

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Dry density, g / cc after drying at 110 °C / 24 hrs	2.60 – 2.70	2.65	BIS 10570
CCS, kg/cm <sup>2</sup> after drying at 110 °C / 24 hrs	550 – 750	595	BIS 10570
after heating at 1100 °C / 3 hrs	800 – 1000	938	BIS 10570
after heating at 1550 °C / 3 hrs	850 – 1100	901	BIS 10570
% Retained on maximum size	0 – 5		BIS 1528 Part 14

**THERMAL PROPERTIES**

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Refractoriness, Orton / °C		+ 36 / + 1804	BIS 1528 Part 1
PLC, % After heating at 1550 °C / 3 hrs	+1.80 to –1.0	+1.37	BIS 10570

**Packaging: 50 kg bags**

**Delivery State: Dry**

**Storage Life:** Best till 6 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 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