



**HIGH PURITY DENSE CASTABLES**

**PRODUCT:** ULTRAMON DELTA  
**TYPE:** ULTRAMON SPECIAL CASTABLE FOR DELTA ROOF  
**NATURE OF BOND:** HYDRAULIC  
**INSTALLATION:** VIBRATION CASTING

**GENERAL PROPERTIES**

MAX. SERVICE TEMPERATURE: 1700 °C  
MAXIMUM GRAIN SIZE: 10 mm  
WATER REQUIRED FOR CASTING: 3.8 – 4.2 %

**CHEMICAL ANALYSIS, %**

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Al <sub>2</sub> O <sub>3</sub>	88.5 – 91.0	89.5	BIS 12107 Part 3
Fe <sub>2</sub> O <sub>3</sub>	0.20 – 0.40	0.35	BIS 12107 Part 6

**PHYSICAL PROPERTIES**

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Dry density, gm / cc after drying at 110 °C / 24 hrs	3.20 – 3.35	3.25	BIS 10570
CCS, kgs / cm <sup>2</sup> after drying at 110 °C / 24 hrs after heating at 800 °C / 3 hrs after heating at 1500 °C / 3 hrs	300 – 450 600 – 750 1100 – 1350	350 650 1150	BIS 10570
% Retained on maximum size	0 – 5	1.2	BIS 1528 Part 14

**THERMAL PROPERTIES**

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Refractoriness, Orton / °C		+ 38 / + 1835	BIS 1528 Part 1
PLC, % after heating at 1550 °C / 3 hrs	(- 1.0) to (+ 0.8)	-0.55	BIS 10570

**Packaging: 50 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.

**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