

**MEDIUM PURITY DENSE CASTABLES**

PRODUCT:	MAXCRETE SUPER
TYPE:	70% ALUMINA CASTABLE
NATURE OF BOND:	HYDRAULIC
INSTALLATION:	VIBRATION CASTING

GENERAL PROPERTIES

MAX. SERVICE TEMPERATURE :	1450 °C
MAXIMUM GRAIN SIZE :	5 mm
WATER REQUIRED FOR CASTING :	10.5 – 11.5 %

CHEMICAL ANALYSIS, %

	RANGE	TYPICAL VALUE
Al ₂ O ₃	68 – 72	70.02
Fe ₂ O ₃	4.8 – 5.5	5.10
CaO	5.2 – 6.0	5.45

PHYSICAL PROPERTIES

	RANGE	TYPICAL VALUE
DRY DENSITY, G / CC		
AFTER DRYING AT 110 °C / 24 HRS	2.50 – 2.65	2.55
CCS,KG/CM ²		
AFTER DRYING AT 110 °C / 24 HRS	350 - 450	380
AFTER HEATING AT 1100 °C / 3 HRS	180 - 280	250
AFTER HEATING AT 1400 °C / 3 HRS	350 – 470	430
% RETAINED ON MAXIMUM SIZE	0 - 5	0.8

THERMAL PROPERTIES

	RANGE	TYPICAL VALUE
REFRACTORINESS, ORTON / °C	-	31 / 1683
PLC, %		
AFTER HEATING AT 1100 °C / 3 HRS	(- 0.30) to (+0.30)	-0.12
AFTER HEATING AT 1400 °C / 3 HRS	(- 1.60) to (+1.70)	-0.70

Packaging : 25 kg bags**Storage life : 9 months****Delivery state : dry**

Note : The data are current production averages. They can not be used as limits for specification

AUTH.CHANNEL PARTNER - VARSHA REFRACTORIES PVT.LTD.

Khoni - Talaja Rd, near Bharat Weigh Bridge, near MIDC, Talaja, Phase 1, Talaja, Navi Mumbai, Maharashtra 410208

WEBSITE : <http://www.varsharefractories.com/> | EMAIL : refractory9@gmail.com

MOBILE : 91-9820046755 | +91-9820339394