

## DENSE CASTABLE

BRAND	OR-SUPER B	OR- SUPER CAST	ORC HEAT C	ORC-HEAT K	ORC-HEAT M	ORC-HEAT A	ORC-HEAT A ( S ) ( High Strength )
<b>PHYSICAL PROPERTIES</b>							
SERVICE TEMP °C	1400	1450	1500	1600	1700	1750	1700
REFRACTORINESS °C ORTON ( min )	1580 -	1680 -	1665 30	1683 31	1800 -	1820 37	1750 -
Dry Density Kg/ m3	2100	2400	2100	2450	2550	2900	2700
Linear Change % ( max)	+/-1 1400 C	+/-1 1400 C	+/-1 1500 C	+/-1 1550 C	+/-1 1550 C	+/-1 1500 C	+/-1 1550 C
<b>CCS( Kg/cm2)</b>							
110 °C	250	350	350	350	550	600	650
1000 °C	225	-	-	-	-	-	-
1450 °C	-	450	-	-	-	-	-
Max Grain Size mm	5	5	5	5	5	5	5
<b>CHEMICAL ANALYSIS</b>							
Al2O3 % ( min )	45	70	50	60	80	90	88
Fe2O3 % ( min )	4	5	1.5	1	1.5	0.8	0.6

**WE CAN TAILOR MAKE GRADING & COMPOSITION AS PER THE CUSTOMERS REQUEST  
DATA REPRESENTS TYPICAL AVERAGE PROPERTIES**