



### Technical Specification

#### CONVENTIONAL/DENSE CASTABLES:

Brand Name RADHASWAMI	Maximum Service temp °C	Refractoriness °C	Dry Density gms/cc	CCS		Linear Change %Max.	Chemical Analysis		Grading mm
				kg/cm <sup>2</sup> at 110°C	kg/cm <sup>2</sup> at 1350°C		Al <sub>2</sub> O <sub>3</sub> % min	Fe <sub>2</sub> O <sub>3</sub> % min	
ORDINARY	1400	1575	2.10	250	225	±1.0/1400°C2hrs.	45	4	0-5
SUPER	1450	1680	2.50	350	<sup>450</sup> (1450°C)	±1.0/1400°C3hrs.	70	5	0-5
SPECIAL	1350	1450	2.25	300	225	+1.0/1350°C2hrs.	45	4	0-5

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CAST 'A'	1750	1800	2.80	500	—	±1.0/1500°C3hrs.	90	1.0	0-5
CAST 'K'	1600	1680	2.20	350	—	±1.0/1500°C3hrs.	60	1.0	0-5
CAST 'C'	1500	1650	2.10	350	—	±1.0/1500°C3hrs.	50	2.0	0-5
CAST 'M'	1650	1800	2.60	350	—	±1.0/1500°C3hrs.	80	1.0	0-5

physical tests as per BIS 10570 , chemical analysis as per BIS 12107. Figures shown are for vibratory cast materials only.