



Radhaswami Industries

Refractory Concrete Solutions



9001 : 2015



Decide with Confidence

Technical Specification

INSULATING CASTABLES:

Brand Name RADHASWAMI	Recommended Service temp °C	Thermal Conductivity K.Cal/m/hr/°C	Dry Density gms/cc	Cold Crushing Strength			Linear Change %Max.	Fe ₂ O ₃ % Max
				kg/cm ² at 110°C	kg/cm ² at 1100°C	kg/cm ² at 1300°C		
INSUL-7	1100	0.14	0.75-0.85	12-14	6-8	—	±1.6(1100°C)	8.5
INSUL-9	1100	0.28	0.9-1.0	15-18	10-14	—	±1.0(1100°C)	6
INSUL-11	1350	0.31	1.1-1.2	30-35	—	35-40	±1.0(1300°C)	3.5
INSUL-13	1350	0.33	1.3-1.4	45-55	—	55-65	±1.0(1300°C)	3.0
INSUL-15	1350	0.44	1.5-1.6	80-90	—	70-90	±0.6(1300°C)	3.0

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				kg/cm ² at 110°C	kg/cm ² at 1100°C	kg/cm ² at 1300°C		
INSUL-11(LI)	1350	0.34	1.1-1.2	40-50	—	50-60	±1.0(1300°C)	1.5
INSUL-13(LI)	1350	0.40	1.3-1.4	90-100	—	40-50	±0.6(1300°C)	1.5
INSUL-15(LI)	1350	0.44	1.5-1.6	120-140	—	90-100	±1.0(1300°C)	1.5

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

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