



RAJ CERAMICS

X INSULATION CASTABLE

Sl. No.	Brand	GENERAL PROPERTIES				PHYSICAL PROPERTIES		COLD CRUSHING STRENGTH (Kg/Cm ²)			P.L.C. (%) Max		CHEMICAL ANALYSIS	
		Max Service Temp (°C)	Max Grain Size (mm)	Water addition on site (%)	Reversible Thermal Expansion at 1000°C (%)	Refractoriness deg. C/Orton cone min	Dry Density (Kg/m ³) min at 110°C	at °C 110/24hrs	at °C 800/3 hrs	at °C Hot Face	at °C 1100/3hrs.	at °C 300/3hrs	Al ₂ O ₃ (%) min	Fe ₂ O ₃ (%) max
1	Raj Lite 4	1000	6.0	100-110	0.55	-	550	4	2	0.1	-	-	30.0	11.0
2	Raj Lite 7	1100	6.0	70-80	0.57	1337/12	850	12	4	0.18	+1.60	-	33.0	8.5
3	Raj Lite 9	1200	6.0	40-50	0.57	1398/14	1000	15	6	0.28	+1.00	-	33.0	6.0
4	Raj Lite 11	1300	6.0	35-40	0.57	1398/14	1250	35	25	0.31	+0.20	+1.0	34.0	3.5
5	Raj Lite 13	1350	6.0	30-35	0.60	1398/14	1450	50	30	0.33	+0.20	+0.60	39.0	3.5
6	Raj Lite 15	1350	6.0	30-35	0.60	1430/15	1600	90	60	0.44	+0.20	+0.60	39.5	3.2
7	Raj Lite 11LI	1350	6.0	30-35	0.60	1430/15	1250	40	30	0.32	+0.20	+1.0	43.5	1.5
8	Raj Lite 13LI	1400	6.0	30-35	0.60	1430/15	1450	80	40	0.4	+0.20	+0.60	44.0	1.5
9	Raj Lite 15LI	1400	6.0	25-30	0.60	1491/16	1600	130	75	0.42	+0.20	+0.60	46.0	1.5



- 1. The above values represent values obtained on standard squares in accordance with accepted test methods and are subject to manufacturing variations. This information is supplied as a technical service and may change without notice. Results are only indicative data and should not be used for specification/guarantee purposes. Size tolerance $\pm 1.5\%$ or $\pm 2\text{mm}$ whichever ever is greater.
- 2. We also make Bricks on tailor-made specification
- 3. Grading means 90% passing through the desired sieve

