

Insulation Bricks

Product	Service temperature	P.C.E (Orton cone)	Bulk Density (gm/cm ³)	A.P (%)	CCS (kg/cm ²)	Thermal conductivity (W/m ² K) at 600°C mean temperature	Al ₂ O ₃ (%)	Fe ₂ O ₃ (%)	Primary Raw Material
VRPL LW	1200°C	30	1.1	55	30	0.45	30.00	2.50	Clay and sawdust
VRPL LWS	1200°C	30	1.3	50	70	0.58	30.00	2.50	Clay and sawdust
VRPL HSI	1300°C	31	1.6	45	150	0.70	35.00	2.50	Clay and sawdust
VRPL CFI	1250°C	30	0.8	65	15	0.35	30.00	2.50	Clay and sawdust
VRPL CFS	1250°C	30	0.65	70	10	0.23	30.00	2.50	Clay and sawdust
VRPL HFI	1300°C	30	0.9	60	20	0.40	30.00	2.50	Kyanite,Alumina fines, clay and sawdust
VRPL HFK	1400°C	32	1.1	55	40	0.50	40.00	2.50	Kyanite,Alumina fines, clay and sawdust
VRPL HFK HS	1400°C	32	1.3	50	100	0.60	40.00	2.00	Kyanite,Alumina fines, clay and sawdust
VRPL HF 60S	1500°C	35	1.6	45	150	0.70	58.00	1.50	Kyanite,Diaspore, clay and sawdust
VRPL P90	1300°C	31	0.90	65	25	0.35	35.00	1.50	Kyanite,Alumina fines,Ball clay and polyester beads
VRPL P100	1450°C	32	1.00	60	40	0.40	40.00	1.50	Kyanite,Alumina fines,Ball clay and polyester beads

Note: The above figures are typical data as determined through Indian Standard Testing Methods and pertains to most commonly procured commercial sizes. These will be subject to reasonable variations for tailor made and non-standard sizes. Materials can be manufactured to suit customer's specifications.