



COLD FACE INSULATION BRICKS

DATA SHEET									April-19
SR NO.	PARTICULARS	ITEMS							
		IK-7	IK-10	IK-11	IK-12	IK-13A	IK-13B	IK-13C	IK-14
1	S.T.	1000	1100	1100	1200	1350	1350	1350	1350
2	DRY DENSITY (GM/CC)	0.65-0.7	0.9-1.0	0.9-1.0	1-1.1	1.1-1.2	1.2-1.3	1.3-1.4	1.4-1.5
3	C.C.S. (Kg/Cm ²) at 110°C	10-12	15-20	20-25	25-30	40-45	50-60	75-80	80-85
4	AT MAX.TEMP	6-8	10-14	15-20	20-25	50-55	50-70	40-50	70-80
5	T.C. (Kcal/m/hr/°C) at 600 °C	0.15	0.27	0.29	0.31	0.33	0.35	0.40	0.43
6	P.L.C.at S.T.(%)	±2.5	±1.0	±1.5	±1.5	±1.0	±1.0	±1.0	±1.0
7	Al ₂ O ₃ (%)	30	33	33	35	35	35	35	35
8	Ae ₂ O ₃ (%)	5	6	3	2.5	1.2	3.2	1.5	3.0