

Fire Clay & High Alumina Bricks

PRODUCT	AL ₂ O ₃ % gms/CC min.	Fe ₂ O ₃ % max.	PCE O.C. cm ² min.	Bulk Density min.	App. Porosity AT OC% max.	CCS. Kg/ min.	R.U.L. Ta ^o C min.	PLC AR for 2 hrs max.	Characteristics & Uses
SKG-30	30	2.5	30	2.0	25	200	1300	1350±1.0	General purpose medium heat duty bricks
SKG-40	40	2.5	32	2.05	25	200	1400	1400±1.0	General purpose high heat duty bricks
SKG-HG	36	2.5	31	2.0	24	200	1400	1400±0.5	Fireclay blocks/bricks for glass melting furnace.
SKG-42 D	43	2.0	32	2.25	19	400	1430	1450±0.5	General purpose, Coke oven, Blast furnace.
SKG-45	45	2.5	34	2.25	23	300	1450	1450±1.0	Super Duty brick for general purpose.
SKG-45 D	45	1.5	33	2.3	20	450	1470	1480±0.5	General purpose, Coke oven, Blast furnace.
SKG-50 B	50	2.2	35	2.3	22	350	1430	1450±1.0	Suitable for Rotary Kiln, Ladle Lining.
SKG-60 B	60	3.0	36	2.5	23	350	1430	1600±1.0	Suitable for Cement Rotary, Kiln, Ladle Lining
SKG-62 D	62	1.2	-	2.55	16	650	1580	1600±0.3	Blast furnace, Coke Oven, Clacination & Ceramic Industry
SKG-70 B	70	3.0	36	2.65	23	400	1470	1600±3.0	Suitable for burning zone of Cement Rotary Kiln, Ladle Lining.
SKG- 70 L	70	2.5	36	2.65	22	450	1450	1600±3.0	Suitable for burning zone of Cement Rotary Kiln, Ladle Lining.
SKG- 70 SD	70	1.5	37	2.65	22	450	1550	1600±0.5	Dense, suitable for reducing atmosphere of Rotary Kiln and Glass Industries
SKG- 80 B	80	3.5	36	2.75	23	400	1500	1600±1.5	Special application in Refineries, Petro-Chemicals etc.
SKG- 80 SD	80	1.6	37	2.75	19	700	1580	1600±1.5	Special application in Refineries, Petro-Chemicals , Steel ladles etc.
SKG-SMT	56	1.5	36	2.35	21	450	1500	1500±0.5	For Glass tank Furnace, Blast Furnace, Stove Checkers.
SKG – 90 X	90	1.0	-	3.0	16	900	1720	1700±0.1	Blast furnace hearth.