



FIRECLAY BRICKS

BRAND	Chemical Properties			Physical Properties					Application Area
	Al ₂ O ₃ (%) Min.	Fe ₂ O ₃ (%) Max.	P.C.E (O.C) Min.	A.P (%) Max.	B.D (gm/cc) Min.	C.C.S (kg/cm ²) Min.	P.L.C (%) 1450 C / 2hr. Max.	R.U.L ta(C) Min.	
ORIAL - MH	30	2.0	30	25	2.00	200	-	1350	Dense fireclay bricks for Blast Furnace. Steel Ladles for other locations. ORIAL MH, HH, 1H for safety lining in various furnaces.
ORIAL - HH	42	2.0	32	25	2.00	200	-	1400	
ORIAL - SUPER -1	42	2.0	33	25	2.00	250	-	1450	
ORIAL - SUPER -1H	42	2.0	33	20	2.00	350	-	1450	
ORIAL - SUPER -II	40	2.0	32	24	2.00	200	-	1450	
ORIAL AL 45	45	2.3	33	22	2.25	350	-	1400	
ORICOD - D1/ORICOD	40	1.5	33	17	2.15	400	± 0.5	1470	
ORICOD-L2	38	2.0	32	18	2.15	350	± 0.5	1400	
ORICOD-L1	34	2.0	31	18	2.15	350	± 0.5	1400	
ORICOD-SD	42	1.5	33	17	2.20	500	± 0.5	1500	
ORICOD-S	42	1.5	33/34	15	2.20	500	± 0.2	1520	
ORICOD-B	38	1.5	32/33	18	2.10	400	± 0.3	1480	
ORICOD-H	40	1.5	33	18	2.10	500	± 0.5	1480	
ORIAL - SUPER -II	45	1.1	34	15	2.30	600	± 0.3	1550	

HIGH ALUMINA BRICKS

ORIAL - 50	50	2.5	34	23	2.30	350	± 2.0	-	EAF Roof Steel Ladles Rotary Kiln
ORIAL - 55	55	2.5	35	23	2.35	350	± 2.5	-	
ORIAL - 60	60	2.5	35	23	2.40	400	± 3.0	-	
ORIAL - 65	65	3.0	36	23	2.40	400	± 3.0	-	
ORIAL - 70	70	3.0	37	23	2.50	400	± 3.5	-	
ORIAL - 70D	70	2.0	37	21	2.55	500	± 3.0	-	
ORIAL - 80	80	3.0	38	23	2.60	300	± 3.0	-	
ORIAL - 80D	80	2.5	38	22	2.60	450	± 2.0	-	
ORIAL - 82	82	3.0	38	23	2.60	400	± 1.5	-	
ORIAL - 85	85	3.0	38	22	2.65	450	± 1.5	-	