



Technical Data Sheet Dense Alumina Bricks

S. No.	Product Name	Chemical Analysis (wt%)		Apparent Porosity (%)	Bulk Density (g/cc) Min.	CCS (kg/cm ²)	PLC (%)	PCE (°C/OC) Min.	RUL (T _a ⁰ C)
		Al ₂ O ₃	Fe ₂ O ₃						
1	AL-30D	28-31	1.7-2.2	13-18	2.1	400-600	±0.5 at 1300°C/2h	-	1330-1360
2	AL-42D	41-43	1.3-1.7	15-18	2.25	450-650	-0.6 to 0.2 at 1450°C/2h	1717/32	1450-1480
3	AL-45D	44-46	1.2-1.5	14-18	2.35	450-650	-0.5 to 0.2 at 1450°C/2h	1743/33	1460-1500
4	AL-62D	61-63	1.2-1.5	13-16	2.5	600-800	±0.5 at 1500°C/2h	1804/36	1500-1550