

Special High Alumina Bricks

BRAND NAME		ALEX								
ITEMS	AL-85	AL-C85	AL-C85CR	AL-90	AL-C90	AL-C90LD	AL-95	AL-C95	AL-98	
Refractoriness (SK)	40≤	40	40	40≤	40≤	40≤	40≤	40≤	40≤	
Bulk Density	2.95	3.05	3.1	3.1	3.15	3.05	3.15	3.2	3.2	
Apparent Porosity (%)	18	15	14	16	13	16	16	14	16	
Cold Crushing Strength (kg/cm ²)	900	1400	1500	1000	1600	1100	1000	1500	900	
Refractoriness Under Load (2kg/cm ² , T 2 °C)	1700	1700	1700	1700	1700	1700	1750≤	1750	1750≤	
Permanent Linear Change (%) (1500°C×2h)	0	0	0	0	0	0.5	0	0	0	
Thermal Expansion (%) at 1000°C	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
Chemical Composition (%)	Al ₂ O ₃	85	85	85	90	90	90	95	95	98
	SiO ₂	-	-	-	8	8	8	-	-	-
	Fe ₂ O ₃	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.2	0.2
Applications	* Steel Refining Furnace * Carbon Black Furnace	* Steel Refining Furnace * Holding Furnace	* Waste Incinerator * Coal Incinerator	* Hot Chamber * Non Ferrous Metals Furnace	* Special Steel Refining Furnace * Holding Furnace	* Special Steel Refining Furnace Nozzle Seat	* Sodium Silicate Tank * Glass Tank * Hot Chamber	* Holding Furnace * Non Ferrous Metals Furnace	* Ammonia Plant * Glass Tank * Non Ferrous Metals Furnace	