

High Alumina Bricks

BRAND NAME		H				
ITEMS		HS	H1	H2	H3	H4
Refractoriness (SK)		39	38	37	36	35
Bulk Density		2.65	2.55	2.35	2.2	2.2
Apparent Porosity (%)		20	20	20	20	20
Cold Crushing Strength (kg/cm ²)		500	500	500	450	400
Refractoriness Under Load (2kg/cm ² , T 2 °C)		1600	1550	1480	1460	1430
Permanent Linear Change (%) (1500°C x 2h)		0 +0.3~-0.5	+0.3~-0.6	+0.2~-0.6	+0.2~-0.6	+0.2~-0.6
Thermal Expansion (%) at 1000°C		0.7	0.7	0.6	0.6	0.5
Chemical Composition (%)	Al ₂ O ₃	80	70	60	50	45
	SiO ₂	17	27	37	47	52
Applications	* Brick in accordance with K.S * Various Kiln & Furnace					