

High Alumina Brick

Description

REF – HA bricks are produced with selected bauxite chamotte by advanced process and strict quality control. The main mineral components are corundum and mullite phases. It features excellent high temperature mechanics and chemical corrosion resistance.

Classifications

REF – HA 60
REF – HA 70
REF – HA 75
REF – HA 80

Features

Resisting high temperature
Great bulk density
Low iron content
Good eroding resistance

Applications

Steel furnace
Iron making furnace
Glass Kiln
Ceramic tunnel kiln
Cement kiln

Specifications

64 x 114 x 230mm
76 x 114 x 230mm
Other specification is available according to customer's requirement.



Classification	HA 60	HA 70	HA 75	HA 80
Refractoriness	1790	1800	1825	1850
Refractoriness under Load 0.2Mpa(°C)	>1450	>1510	>1530	>1550
Cold Crushing Strength(Mpa)	≥45	≥50	≥54	≥60
Porosity(%)	22	<22	<21	20
Bulk Density(g/cm ³)	2.33	2.48	2.50	2.55
Chemical Composition (%)				
Al ₂ O ₃	≥60	≥70	≥75	≥78
SiO ₂	32	22	20	≥18
Fe ₂ O ₃	≤1.7	≤2.0	≤1.8	≤1.8
Na ₂ O + K ₂ O	<2.3	<2.0	<1.2	–