

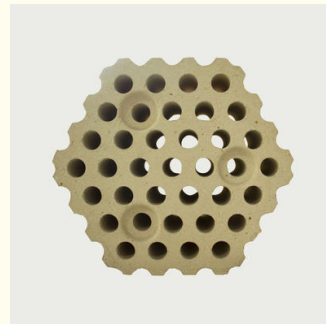
High Alumina Refractory Brick Fire Clay Silica Checker Brick For Steel Furnaces with Low Creep Rate

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: RS-48, RS-55, RS-65, RS-75, RS-80
- Minimum Order Quantity: 1 Ton
- Price: 200-800USD
- Packaging Details: packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages
- Delivery Time: 20-30DAYS
- Payment Terms: TT; L/C
- Supply Ability: 2000tons /month



Product Specification

- Application Temperature: 1300-1700
- Chemical Composition: $Al_2O_3 \geq 70\%$, $SiO_2 \leq 25\%$, $Fe_2O_3 \leq 2.5\%$
- Color: Red, Brown, Grey, Etc.
- Compressive Strength: $\geq 50Mpa$
- Density: 2.0-3.2g/cm³
- Material: High Alumina Refractory Brick
- Packaging: Carton, Wooden Pallet
- Porosity: $\leq 20\%$
- Refractoriness: ≥ 1700
- Refractoriness Under Load: ≥ 1450
- Shape: Square, Rectangle, Column, Arch, Etc.
- Size: Customized
- Softening Point: ≥ 1450
- Thermal Expansion: $\leq 0.5\%$
- Thermal Shock Resistance: Good



More Images



Product Description

Description For High Alumina Refractory Brick Fire Clay Silica Checker Brick For Steel Furnaces with Low Creep Rate

Refractory Checker Bricks are made from silica,clinker clay or bauxite by mixing, forming, drying, sintering, and proportioning. The checker brick is a kind of heat-exchange capacity, large heat storage area, smooth ventilation, low resistance and other heat-carrying heat storage body, with good volume stability, high temperature creep performance, high density and low porosity and other excellent characteristics.

According to the structure, there are 7, 9, 19, 31 and 37-hole high-efficiency checker bricks, and the materials are silica, clay, high alumina, etc.The size is precise, providing kinds of shapes according to customer's drawing

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Features of High Alumina Refractory Brick Fire Clay Silica Checker Brick For Steel Furnaces with Low Creep Rate

1. High refractoriness.
2. Good spalling resistance and wear resistance.
3. Good corrosion resistance.
4. Good thermal shock resistance.
5. High mechanical strength.
6. High-temperature creep rate is low.

Applications For High Alumina Refractory Brick Fire Clay Silica Checker Brick For Steel Furnaces With Low Creep Rate

Metallurgy, chemical industry, petroleum, machinery manufacturing, silicate, power and other industries.

1. Steel furnaces, blast furnace, hot blast furnace
2. Iron making furnaces
3. Glass kiln
4. Ceramic tunnel kiln
5. Cement kiln
6. Flame furnace

Product Specification of Low Creep Rate Refractory Checker Brick

Item	Properties			
	RS-80	RS-75	RS-65	RS-50
Al ₂ O ₃ (%)	80	≥75	≥65	≥55
Refractoriness (°C)	≥1790	≥1790	≥1790	≥1770
Bulk density (g/cm ³)	2.65	2.5	2.45	2.4
Softening temperature under load (°C)	1530	≥1520	≥1500	≥1470
Reheating Linear Change Rate (%)	1500°CX2H	0.1	0.1	0.1
	1450°CX2H	-0.4	-0.4	-0.4
Apparent porosity (%)	22	≤23	≤23	≤22
Cold crushing strength (Mpa)	55	≥50	≥45	≥40



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