

## Rongsheng Good Quality High Alumina Checker Firebrick for Steel Furnace and Cement Rotary Kiln

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

- Al<sub>2</sub>O<sub>3</sub> Content: 50%-90%
- Apparent Porosity: 18%-22%
- Application: Ceramic Kiln
- Bulk Density: 2.2-2.4g/cm<sup>3</sup>
- Cold Crushing Strength: 50-100MPa
- Color: Grey, Brown, Red
- Linear Change: ≤0.2%
- Material: High Alumina Refractory Brick
- Packaging: Carton Box
- Refractoriness: 1700-1800
- Shape: Customized
- Size: Customized
- Thermal Conductivity: ≤1.2W/m.k
- Thermal Shock Resistance: Good



### More Images



### Product Description

#### Product Description of Rongsheng Good Quality High Alumina Checker Firebrick for Steel Furnace and Cement Rotary Kiln

High alumina checker firebrick is a type of refractory material that is used in a variety of high-temperature applications. It is made of a high percentage of alumina (Al<sub>2</sub>O<sub>3</sub>), which gives it its high refractoriness and strength. High alumina checker firebrick is also resistant to corrosion and abrasion.

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#### High Alumina Checker Firebrick Features & Advantages

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

#### Product Application of Rongsheng Good Quality High Alumina Checker Firebrick

steel furnace, glass furnace, sodium silicate furnace, ceramic shuttle kiln, cement rotary kiln, blast furnace, electric furnace, blast furnace and reverberatory furnace.

#### Product Specification of High Alumina Checker Firebrick

| Item                                   | Properties |       |       |       |
|----------------------------------------|------------|-------|-------|-------|
|                                        | RS-80      | RS-75 | RS-65 | RS-55 |
| Al <sub>2</sub> O <sub>3</sub> (%)     | 80         | ≥75   | ≥65   | ≥55   |
| Refractoriness (°C )                   | ≥1790      | ≥1790 | ≥1790 | ≥1770 |
| Bulk density (g/cm <sup>3</sup> )      | 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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