

65%-95% Al<sub>2</sub>O<sub>3</sub> High Aluminum Refractory Ball For Oven Kiln Furnace

Our Product Introduction

for more products please visit us on bricksrefractory.com

## Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: RS-65, RS-70, RS-75, RS-95
- 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: ≥48%
- Application Temperature: ≤1400
- Bending Strength: ≥25MPa
- Color: Red
- Compressive Strength: ≥50MPa
- Density: 2.2-2.4g/cm<sup>3</sup>
- Fe<sub>2</sub>O<sub>3</sub> Content: ≤2.5%
- Material: High Alumina Refractory Brick
- Refractoriness: ≥1790
- Refractoriness Under Load: ≥1450
- Shape: Rectangle
- SiO<sub>2</sub> Content: ≤40%
- Size: Customized
- Thermal Conductivity: ≤0.6W/m.k
- Thermal Shock Resistance: Good

Our Product Introduction

## Product Description

Description of 65%-95% Al<sub>2</sub>O<sub>3</sub> High Aluminum Refractory Ball For Oven Kiln Furnace

Refractory balls are made of industrial alumina and refractory kaolin as the main raw materials, which are made by scientific formula, forming and high temperature calcination.

Refractory ball is divided into ordinary refractory ball and high aluminum resistance ball. Refractory porcelain ball high temperature resistance to high temperature can reach 1900 degrees, high mechanical strength and long-term use.

## High Alumina Refractory Ball Features

1. high temperature resistant performance, the highest heat resistant ceramic ball temperature can reach 1900 degrees;
2. high mechanical strength, long use cycle;
3. good chemical stability, no chemical reaction with the material;
4. good thermal stability, high strength;

## High Alumina Refractory Ball Applications

High alumina ball application in chemical fertilizer plant of high and low temperature transformation furnace, reformer,

hydrogenation, desulfurization tank and methanation furnace, dispersed liquid, and supporting, covering and protecting catalyst role, can also be used in heating furnace of iron and steel industry and the transformation of equipment, ordinary refractory ball suitable for sulfuric acid and fertilizer industries converter and transform furnace, high aluminum refractory ball is suitable for industries such as steel, urea, hot blast furnace, heating and transformation furnace and other equipment.



Product Specification of 65%-95% Al<sub>2</sub>O<sub>3</sub> High Aluminum Refractory Ball For Oven Kiln Furnace

Item	High alumina	Low creep	Mullite	
Size(mm)	40-80	40-80	40-80	
AL <sub>2</sub> O <sub>3</sub> (%)	65	70	75	
Refractoriness under load(°C)	1450	1460	1530	
Apparent Porosity(%)	25	23	22	
Bulk Density(g/cm <sup>3</sup> )	2.3	2.4	2.5	
Cold crushing strength(Mpa)	13	14	32	
Thermal shock resistance (1100°Cwater cooling) cycle ≥	15	10	20	
Refractoriness(°C)	1710	1750	1800	

 **Henan Rongsheng Xinwei New Materials Research Institute Co., Ltd**

 +86-18538509097

 Jackyhan2023@outlook.com

 bricksrefractory.com

11th Floors, Building 6, China Central Electronic Commerce Port, Daxue Road, Zhengzhou, Henan, China