

75% Industrial Alumina Refractory Ceramic Balls 1900°C Heat Resistant Refractory Balls

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: RS-65, RS-70, RS-75, RS-905
- 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

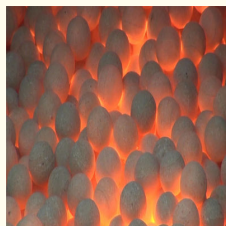


Product Specification

- Bulk Density: High/Medium/Low
- Chemical Stability: High/Medium/Low
- Color: White/Gray/Red/Black
- Compressive Strength: High/Medium/Low
- Density: High/Medium/Low
- Firing Temperature: High/Medium/Low
- Material: Refractory Bricks
- Porosity: High/Medium/Low
- Refractoriness: High/Medium/Low
- Shape: Square/Rectangle/Circle
- Size: Customized
- Softening Temperature: High/Medium/Low
- Thermal Conductivity: High/Medium/Low
- Thermal Expansion: High/Medium/Low
- Thermal Shock Resistance: High/Medium/Low



More Images



Product Description

Description of 75% Industrial Alumina Refractory Ceramic Balls:1900°C Heat Resistant, High Mechanical Strength

Manufactured through precise blending of industrial alumina and refractory kaolin, refractory balls are created using a meticulously crafted scientific formula, followed by precision shaping and high-temperature calcination.

Within the realm of refractory balls, there exist two distinct categories: the conventional refractory ball and the high-aluminum resistance ball. The high-temperature resilience of refractory porcelain balls is noteworthy, withstanding extreme temperatures up to 1900 degrees Celsius. Coupled with exceptional mechanical strength, these balls exhibit impressive durability over extended periods of use.

Our Product Introduction



Features of High Alumina Refractory Ball

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;

Application of High Alumina Refractory Ceramic Ball

High alumina refractory ceramic ball find diverse applications in the chemical fertilizer sector, spanning from high to low-temperature conversion furnaces, reformers, hydrogenation units, desulfurization tanks, and methanation furnaces. They play a crucial role in dispersing liquids and act as essential supports, covers, and catalyst protectors. Additionally, these high alumina balls are adeptly employed in the heating furnaces within the iron and steel industry, as well as in equipment transformations.

On the other hand, regular refractory balls are well-suited for applications in the converter and transformation furnaces of industries dealing with sulfuric acid and fertilizers. High aluminum refractory balls, with their enhanced properties, are specially designed for use in steel, urea, hot blast furnaces, as well as in heating and transformation equipment across various industrial sectors.

Product Specification of High Alumina Refractory Ball

Item	High alumina	Low creep	Mullite	
Size(mm)	40-80	40-80	40-80	
AL ₂ O ₃ (%)	65	70	75	
Refractoriness under load(°C)	1450	1460	1530	
Apparent Porosity(%)	25	23	22	
Bulk Density(g/cm ³)	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	



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