

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

packed on wooden pallets, with water-proof cover, and tightened with plastic/steel

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

200-800USD

bandages 20-30DAYS

2000tons /month

- Packaging Details:

• Price:

Bas

- Delivery Time:
- Payment Terms: TT; L/C
- Supply Ability:

Product Specification • Bulk Density: High/Medium/Low Chemical Stability: High/Medium/Low Color: White/Gray/Red/Black Compressive Strength: High/Medium/Low High/Medium/Low Density: • 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





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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.



Features of High Alumina Refractory Ball

1. high temperature resistant performance, the highest heat resistant ceramic ball temperature can reach 1900 degrees;

- high mechanical strength, long use cycle;
 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 lowtemperature 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

ltem	High alumina	Low creep	Mullite	
Size(mm)	40-80	40-80	40-80	
AL2O3(%)	65	70	75	
Refractoriness under load(°C)	1450	1460	1530	
Apparent Porosity(%)	25	23	22	
Bulk Density(g/cm3)	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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