

Bulk Supply Of High-Quality Alumina Bubble Balls For Refractory Applications

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Rongsheng
- Minimum Order Quantity: 1 Ton
- Price: 200-800 USD
- Packaging Details: Packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages
- Delivery Time: 10-20 Days
- Payment Terms: TT; L/C
- Supply Ability: 2000tons /month



Product Specification

- Highlight: High Quality Alumina Bubble Balls, Refractory Applications Alumina Bubble Balls, Bulk Supply Alumina Bubble Balls



More Images

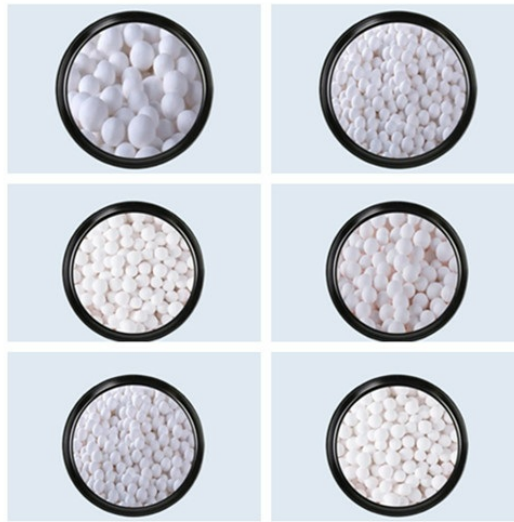


Product Description

Product Description of Bulk Supply of High-Quality Alumina Bubble Balls for Refractory Applications

Refractory Alumina Bubble Balls are crafted from high-purity alumina using an electric arc furnace. During production, the melted alumina is atomized with compressed air, forming lightweight, hollow spheres. These spheres boast a high melting point of approximately 2100°C. Chemically inert, they have an exceptionally low bulk density, extremely low thermal conductivity, and exhibit high hardness along with superior wear resistance. Thanks to these properties, Alumina Bubble Balls offer excellent insulation, making them ideal for high-temperature and refractory applications.

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Key Features of Alumina Bubble Balls

Lightweight Structure: Their hollow design results in a very lightweight product, which can reduce transport and handling costs significantly.

Exceptional Thermal Resistance: Alumina Bubble Balls offer outstanding resistance to high temperatures, making them ideal for extreme heat applications.

Strong Mechanical Durability: Despite their lightness, these balls provide high mechanical strength, ensuring lasting performance.

Superior Chemical Resistance: They withstand a wide range of acids and alkalis, making them suitable for use in harsh chemical settings.

Applications of Alumina Hollow Balls

The unique characteristics of Alumina Hollow Balls make them valuable across a variety of industries.

1.Refractory Materials: Thanks to their exceptional heat resistance, Alumina Hollow Balls are commonly incorporated into refractories, such as fire-resistant bricks and monolithic structures.

2.Ceramics: In ceramics manufacturing, they are utilized to create lightweight, heat-resistant components.

3.Thermal Insulation: With excellent insulating properties, they serve as key elements in thermal insulation products and materials.

4.Chemical Processing: Their strong chemical resistance makes them ideal for use in diverse chemical industry applications.

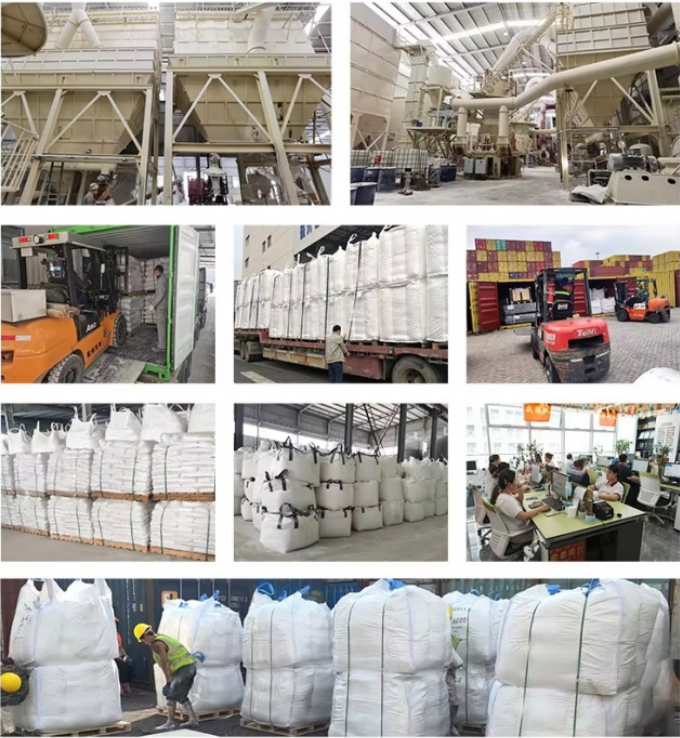


Product Specification of 2024 Hot Sale Alumina Hollow Balls

Item	Unit	Index
Chemical Composition	Al ₂ O ₃	%
	Fe ₂ O ₃	%
	SiO ₂	%

	Na2O	%	≤0.4
Melting Point		°C	2250
Refractoriness		°C	1900
Pore Volume		%	≤10
Particle Size		mm	0.2-0.5,0.2-1,1-2,2-3,1-3,3-5,0.2-5

Packing & Delivery of Alumina Hollow Balls For Refractory



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