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Ceramic Media Product Brochure

Ceramic ball

Pingxiang Rongjian Environmental Protection Chemical Packing Co., Ltd

DIRECTORY

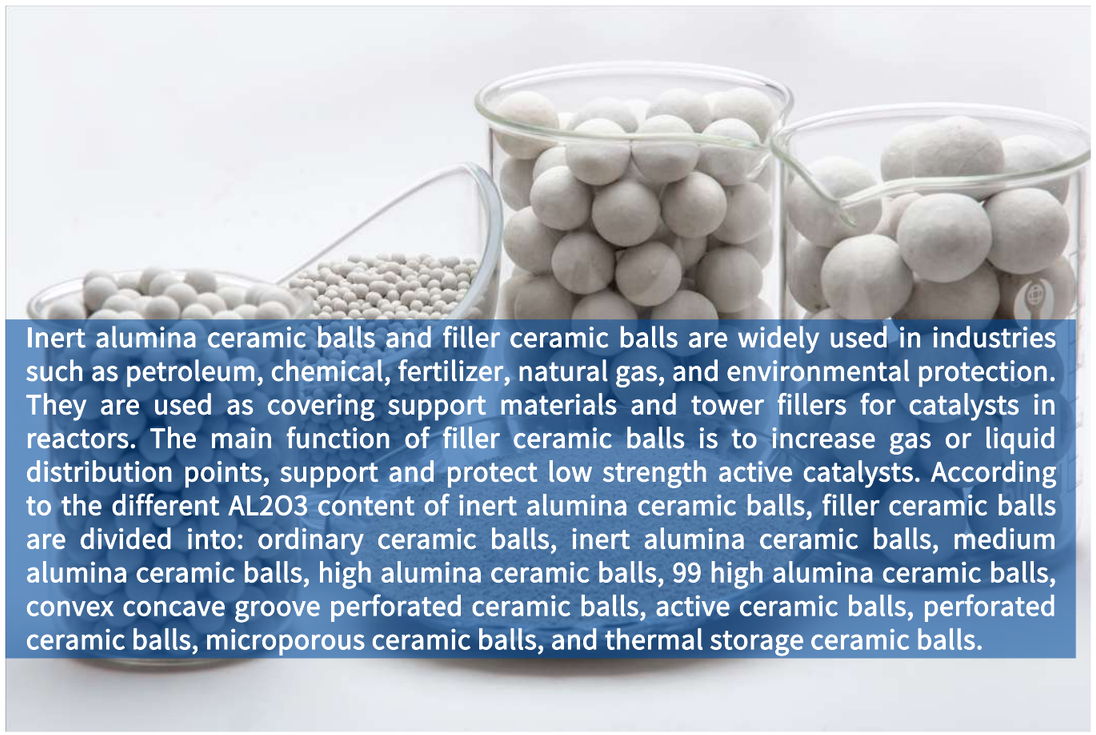
Alumina Ceramic Balls

Inert alumina ceramic balls have stable chemical properties, high strength, good thermal stability, low water absorption, high temperature resistance, high pressure resistance, acid alkali salt corrosion resistance, and do not react with organic solvents. They are an excellent catalyst support and covering material widely used in industries such as petroleum, chemical, fertilizer, natural gas, and environmental protection. Inert ceramic balls, as support and covering materials for catalysts in reactors, can improve the distribution of gases and liquids, buffer the impact of liquids and gases on catalysts, and protect catalysts with low strength.

Inert alumina ceramic balls can be classified into ordinary ceramic balls, medium aluminum ceramic balls, and high aluminum ceramic balls based on their aluminum content.

The main function of inert ceramic balls is to increase the distribution points of gases or liquids, support and protect active catalysts with low strength. It has the advantages of high density, mechanical strength, and good wear resistance. Grinding ceramic balls are an economical and widely used non-metallic grinding medium. Grinding ceramic balls are mainly used in fields such as machinery, electronics, aerospace, and can also be used in industries such as fertilizers and chemicals.

Can withstand corrosion from acids, alkalis, and other organic solvents, and can withstand temperature changes that occur during the production process. Its main function is to increase the distribution points of gas or liquid, support and protect active catalysts with low strength.



Inert alumina ceramic balls and filler ceramic balls are widely used in industries such as petroleum, chemical, fertilizer, natural gas, and environmental protection. They are used as covering support materials and tower fillers for catalysts in reactors. The main function of filler ceramic balls is to increase gas or liquid distribution points, support and protect low strength active catalysts. According to the different AL2O3 content of inert alumina ceramic balls, filler ceramic balls are divided into: ordinary ceramic balls, inert alumina ceramic balls, medium alumina ceramic balls, high alumina ceramic balls, 99 high alumina ceramic balls, convex concave groove perforated ceramic balls, active ceramic balls, perforated ceramic balls, microporous ceramic balls, and thermal storage ceramic balls.

Product parameters

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product	17%-19%Ordinary porcelain ball			
		minimum(%)	maximum(%)	ordinary(%)
chemical composition	AL203	17	19	18
	SiO2	70	77	74.9
	AL203+Si	90	94	93
	Fe203	/	1	0.5
	TiO2	/	0.5	0.46
	CaO	/	0.5	0.42
	MgO	/	0.5	0.38
	Na20	/	2	1.12
	K20	/	3.5	3.28
free iron(%)			≤0.1	
apparent porosity		diameter≥10mm	≤0.4	
		diameter=6mm	≤1.0	
		diameter=3mm	≤3.0	

Water absorption rate(%)	Acid resistance(%)	Alkali resistance(%)	Bulk density (g/cm3)	Specific gravity(kg/cm3)	Mohs Hardness (scale)
<2.0	>90	>85	1.3-1.35	2300	>6.5

Thermal Conductivity (w/m2.k)	Specific heat capacity (J/kg.℃)	Maximum operating temperature (°C)	Coefficient of thermal expansion(%) (500℃)	Thermal shock stability (from 500°C to cold water)
0,9-1.0	628-837	1050	0.2	10Time

Geometric properties										
	Specifications (mm)	3	6	10	13	16	19	25	38	50
	Minimum compressive strength	≥0.3	≥0.8	≥1.0	≥2.5	≥3.2	≥7.4	≥8.3	≥9.3	≥15.4

Aluminum ceramic ball

Main characteristics

1. High hardness: The hardness of medium aluminum ceramic balls is relatively high, usually reaching a Mohs hardness level of 9 or above, which can easily resist various wear and impact.
2. High density: Its density is relatively high, generally above 3.6g/cm ³, which is conducive to improving the efficiency and production capacity of the grinding machine.
3. Strong corrosion resistance: Medium aluminum ceramic balls have good chemical stability and can withstand corrosive media such as acid and alkali, making them less susceptible to damage.
4. Strong wear resistance: After long-term use in high-speed friction environments, medium aluminum ceramic balls can still maintain good wear resistance.
5. Good temperature stability: Medium aluminum ceramic balls can work stably in high temperature environments and are not easily broken or deformed due to temperature changes.

application area

1. Petroleum and Chemical Industry: Aluminum ceramic balls play an irreplaceable role as catalyst carriers, fillers, or grinding media in the petroleum and chemical industries. Its excellent wear resistance and corrosion resistance make it an ideal choice in these fields.
2. Metallurgy and Power: In the metallurgy and power industries, medium aluminum ceramic balls are widely used in wear-resistant, corrosion-resistant, and high-temperature resistant applications, such as refractory materials, grinding media, etc.
3. Environmental Protection and Water Treatment: Medium aluminum ceramic balls can also be used in the fields of environmental protection and water treatment as filtration media or adsorbents to remove impurities and pollutants from water.
3. Other fields: In addition, medium aluminum ceramic balls are widely used in grinding, mixing, and processing processes in industries such as ceramics, pharmaceuticals, and food.

Aluminum ceramic balls, as the name suggests, are ceramic balls with moderate alumina content. The alumina content is usually between 45% and 55%, and the main raw materials include bauxite, high-quality aluminum oxides, etc. These raw materials are finely processed and fired at high temperatures to form ceramic balls with special properties.

Product parameters

name of a part	Ordinary porcelain ball	23-30%AL203 porcelain balls	Chinalco porcelain ball
Al203+SiO2(%)	>93	>92	>93
Al203(%)	17-23	23-30	40-75%
Fe203(%)	<1	<1	<1
Ca0(%)	<0.5	<1.5	<1.5
MgO(%)	<0.5	<1.5	<0.5
K2O+Na20(%)	<4	<4	<3.5
TiO2	<0.5	≤0.5	<0.1
Free Leachable Fe203	<0.1	<0.1	<0.005
water absorption	<0.5%	<0.5%	<1
Particle density of g/cm3	2.3-2.4	2.3-2.4	2.6-2.9
Operating temperature	980	980	1450
Moh's hardness	>6.5	>7	>7
compression strength	KN/Particle		
φ6mm	>0.6	>0.7	>0.8
φ12mm	>1.8	>2.0	>2.2
φ16mm	>2.0	>2.3	>2.5
φ20mm	>5.5	>5.8	>6.2
φ25mm	>6.4	>6.6	>7.5
φ38mm	>9.2	>9.5	>9.8
φ50mm	>9.2	>9.5	>9.8

High alumina ceramic ball

Excellent wear resistance: High alumina ceramic balls are mainly made of high-purity alumina and sintered at high temperatures, with extremely high hardness and wear resistance. In high-speed operation and friction environments, it can effectively resist wear, extend service life, and reduce maintenance costs.

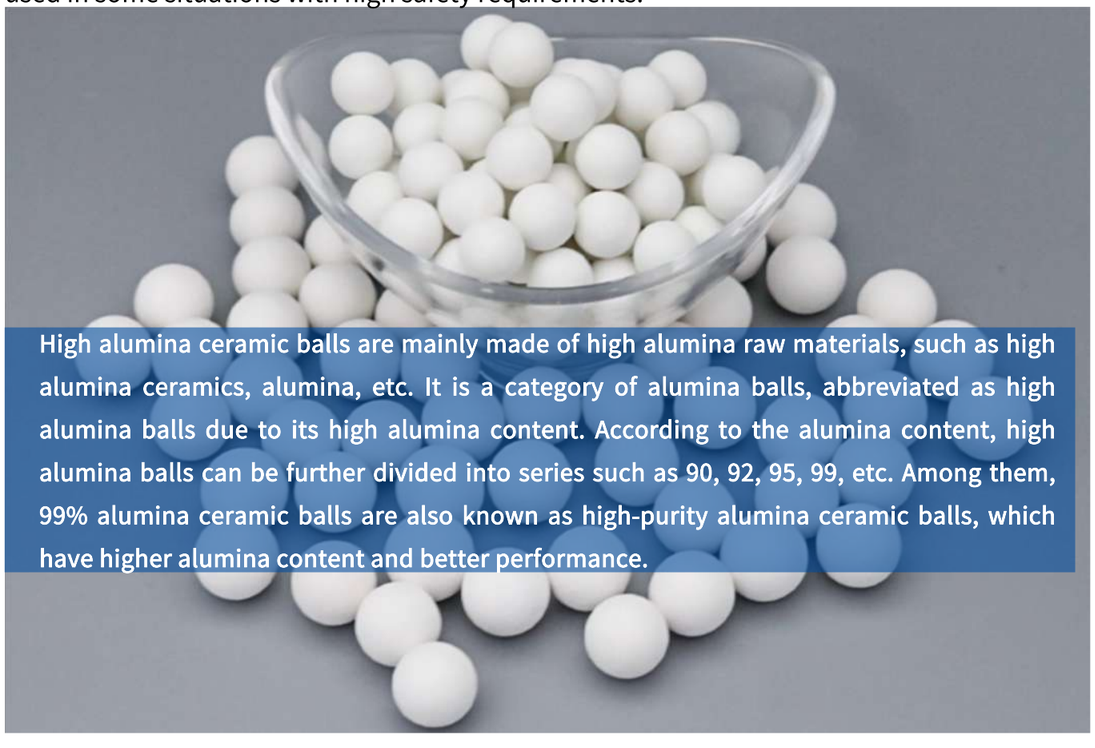
Good chemical stability: High alumina ceramic balls have excellent resistance to chemical corrosion and can work stably in harsh environments such as acid and alkali without failure due to chemical reactions. This characteristic has made it widely used in industries such as chemical and pharmaceutical.

Low thermal expansion coefficient: High alumina ceramic balls have a low thermal expansion coefficient, which can maintain stable size and shape at high temperatures, avoiding deformation and cracking caused by temperature changes. This characteristic gives it unique advantages in fields such as high-temperature furnaces.

High density and low water absorption: High alumina ceramic balls have the characteristics of high density and low water absorption, making them more efficient and stable in applications such as filling and grinding. Low water absorption also reduces volume changes caused by water absorption and release.

Easy to clean and maintain: The surface of high alumina ceramic balls is smooth and not easily stained, making cleaning very convenient. Due to its good chemical stability and resistance to pollution and corrosion, the maintenance cost is relatively low.

Environmental protection and safety: High alumina ceramic balls will not produce harmful substances during production and use, meeting environmental protection requirements. At the same time, it also has safety features such as fire and explosion prevention, which can be used in some situations with high safety requirements.



High alumina ceramic balls are mainly made of high alumina raw materials, such as high alumina ceramics, alumina, etc. It is a category of alumina balls, abbreviated as high alumina balls due to its high alumina content. According to the alumina content, high alumina balls can be further divided into series such as 90, 92, 95, 99, etc. Among them, 99% alumina ceramic balls are also known as high-purity alumina ceramic balls, which have higher alumina content and better performance.

Product parameters

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92 Ceramic ball

92 ceramic ball filler usually refers to ceramic balls with an alumina content of about 92%. As a high-performance industrial filler, it has a wide range of applications in multiple fields.

product	92% high-aluminum porcelain balls								
pigment	white								
form	sphere								
size		minimum content (%)	The maximum content of (%)	Common content of (%)					
chemical composition	Al2O3	92	94	92.5					
	SiO2	/	2	1.5					
	Fe2O3	/	0.3	0.02					
	TIO2	/	0.1	0.02					
	CaO	/	4	1.5					
	MgO	/	0.1	0.05					
	Na2O	/	0.25	0.1					
	K2O	/	0.2	0.13					
physical property	free iron (%)	≤0.01							
	apparent porosity (%)	≤7.0							
	water absorption (%)	<4.0							
	acid fastness (%)	>99.8							
	fastness to alkali (%)	≥90							
	Accumulation density (g / cm2)	1.9							
	Specific gravity (kg/m3)	3200							
	Mohs hardness (grade)	>8.0							
	Thermal conductivity (w/m2.k)	0.7-0.8							
	Maximum operating temperature (C)	1550							
	Thermal expansion rate (%) (500℃)	0.1							
	Thermal shock stability (500℃ to cold water)	10 Times							
geometrical features	specifications (mm)	3	6	10	13	16	19	25	38	50
	Minimum compressive strength (N/PC)	510	1030	1961	6031	7650	14896	15288	17946	22065

Product parameters

95 Ceramic ball

95 ceramic ball filler refers to ceramic balls with an alumina content of up to 95%. As a high-performance industrial filler, it has demonstrated its unique advantages and wide application value in multiple fields.

product	95% high-aluminum porcelain balls			
pigment	white			
form	sphere			
size		minimum content	The maximum content of (%)	Common content of (%)
chemical composition	Al2O3	95	97	95.8
	SiO2	/	4	2
	Fe2O3	/	0.3	0.02
	TIO2	/	0.1	0.02
	CaO	/	4	1.5
	MgO	/	0.1	0.05
	Na2O	/	0.25	0.1
	K2O	/	0.2	0.13
physical property	free iron (%)		≤0.01	
	apparent porosity (%)		<7.0	
	water absorption (%)		<4.0	
	acid fastness (%)		>99.8	
	fastness to alkali (%)		≥90	
	Accumulation density (g/cm3)		1.9	
	Specific gravity (kg/m3)		3200	
	Mohs hardness (grade)		>8.0	
	Thermal conductivity (w/m2.k)		0.7-0.8	
	Specific heat capacity (J/kg.°C)		628-837	
	Maximum operating temperature is (℃)		1550	
	Thermal expansion rate (%) (500°C)		0.1	
	Thermal shock stability (500°C to cold		10 Times	

geometrical features	specifications (mm)	3	6	10	13	16	19	25	38	50
	Minimum compressive strength (N / PC)	510	1030	1961	6031	7650	14896	15288	17946	22065

99 Ceramic ball

99ceramic ball filler, also known as 99% alumina ceramic ball, is a high-performance industrial filler named after its high alumina content of up to 99%.

product	99% high-aluminum porcelain balls			
pigment	white			
form	sphere			
size		minimum content	The maximum content of (%)	Common content of (%)
chemical composition	Al2O3	99	99.6	99.3
	SiO2	/	0.2	0.18
	Fe2O3	/	0.2	0.02
	TIO2	/	0.55	0.02
	CaO	/	0.1	0.2
	MgO	/	0.1	0.05
	Na2O	/	0.25	0.1
	K2O	/	0.2	0.13
physical property	free iron (%)		≤0.01	
	apparent porosity (%)		≤7.0	
	water absorption (%)		< 0.5	
	acid fastness (%)		>99.8	
	fastness to alkali (%)		≥95	
	Accumulation density (g / cm2)		2.1	
	Specific gravity (kg/m3)		3400	
	Mohs hardness (grade)		>8.0	
	Thermal conductivity (w/m2.k)		0.7-0.8	
	Maximum operating temperature (C)		1550	
	Thermal expansion rate (%) (500℃)		0.1	
	Thermal shock stability (500°C to cold		10 Times	

geometrical features	specifications (mm)	3	6	10	13	16	19	25	38	50
	Minimum compressive strength (N / PC)	510	1030	1961	6031	7650	14896	15288	17946	22065

Grinding ball

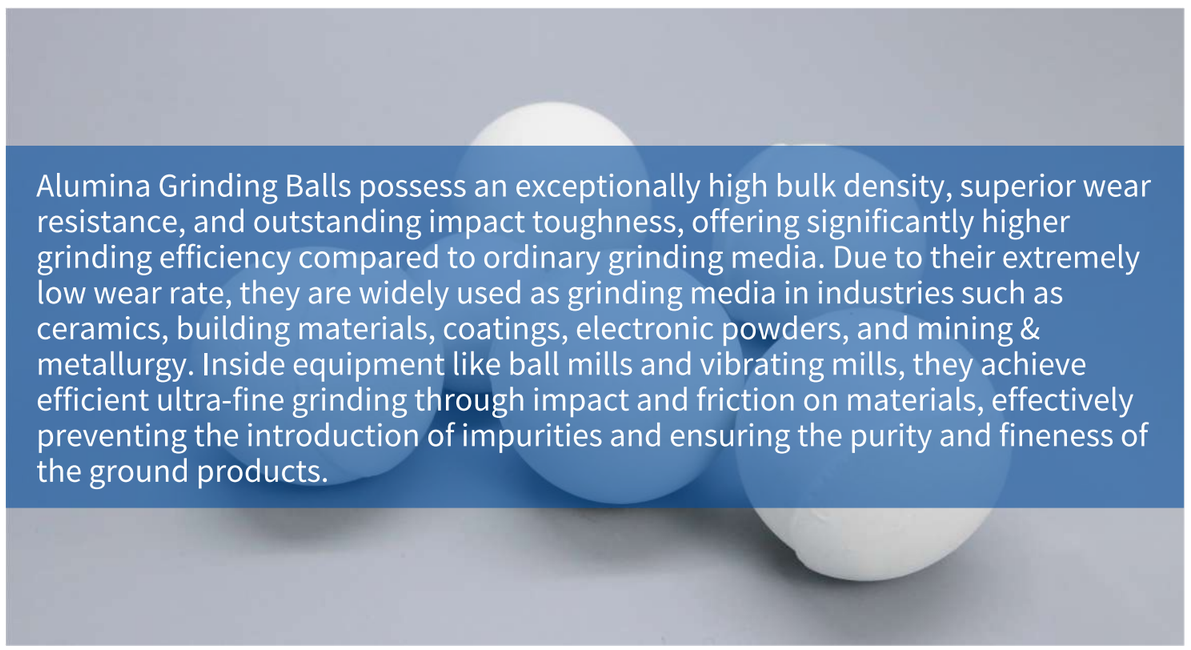
With the cutting edge technology of cold isostatic press shaping,guality alumina powder as rawmaterials and sophisticated recipe,our products are best solution as grinding media in many walks oflite such as Ceramics, Cements, Paints. Pigments, Petrochemicals, Pharmaceuticals. Coatings, Miningsetc.lt features high strength, big density,erosion resistance,regular shape,environment friendly so onso forth.

Tips on the feeding proportion of our alumina balls in service:

It's highly recommended that our products(φ 30.ф 40) accounts for 50% of the totalamoum whereas the bigger balls (φ 50. ф 60.$ 70)are arranged at 5:3:2 to match smallballs(ф 30.ф 40) .General speaking the feeding amout of all balls shall be kept atleast 51% of the total ball mill vilume to guarantee the grinding efficlency.Special tip:The best grinded effect could be achieved if the grinded materials(slurryis kept at 50-60 cm to the mill feeding entrance when the grinding operation is finished.

Advantages of aluminum grinding balls:

1. No metal contamination - ensures product purity
2. High wear resistance - lower operating costs
3. Corrosion and high temperature resistance - adaptable to harsh working conditions
4. Energy saving and consumption reduction - environmentally friendly
5. Moderate specific gravity - optimizes grinding effect



Alumina Grinding Balls possess an exceptionally high bulk density, superior wear resistance, and outstanding impact toughness, offering significantly higher grinding efficiency compared to ordinary grinding media. Due to their extremely low wear rate, they are widely used as grinding media in industries such as ceramics, building materials, coatings, electronic powders, and mining & metallurgy. Inside equipment like ball mills and vibrating mills, they achieve efficient ultra-fine grinding through impact and friction on materials, effectively preventing the introduction of impurities and ensuring the purity and fineness of the ground products.

Product parameters

The following are its core applicable industries:

I. Non-metallic Minerals and Powder Processing Industry (the most widely used field)
The value of products in this field often depends on their whiteness, purity, and particle size, with zero tolerance for iron contamination.
Calcium carbonate powder, kaolin (porcelain clay), quartz/silica powder processing, and high-purity deep processing of other non-metallic minerals such as barite, talc, mica, feldspar, etc.

II. Ceramics and Building Materials Industry
Ceramic glazes and pigments, structural ceramics and electronic ceramics:

III. Metallic Minerals and Metallurgy Industry
Non-ferrous metal beneficiation, hydrometallurgy:

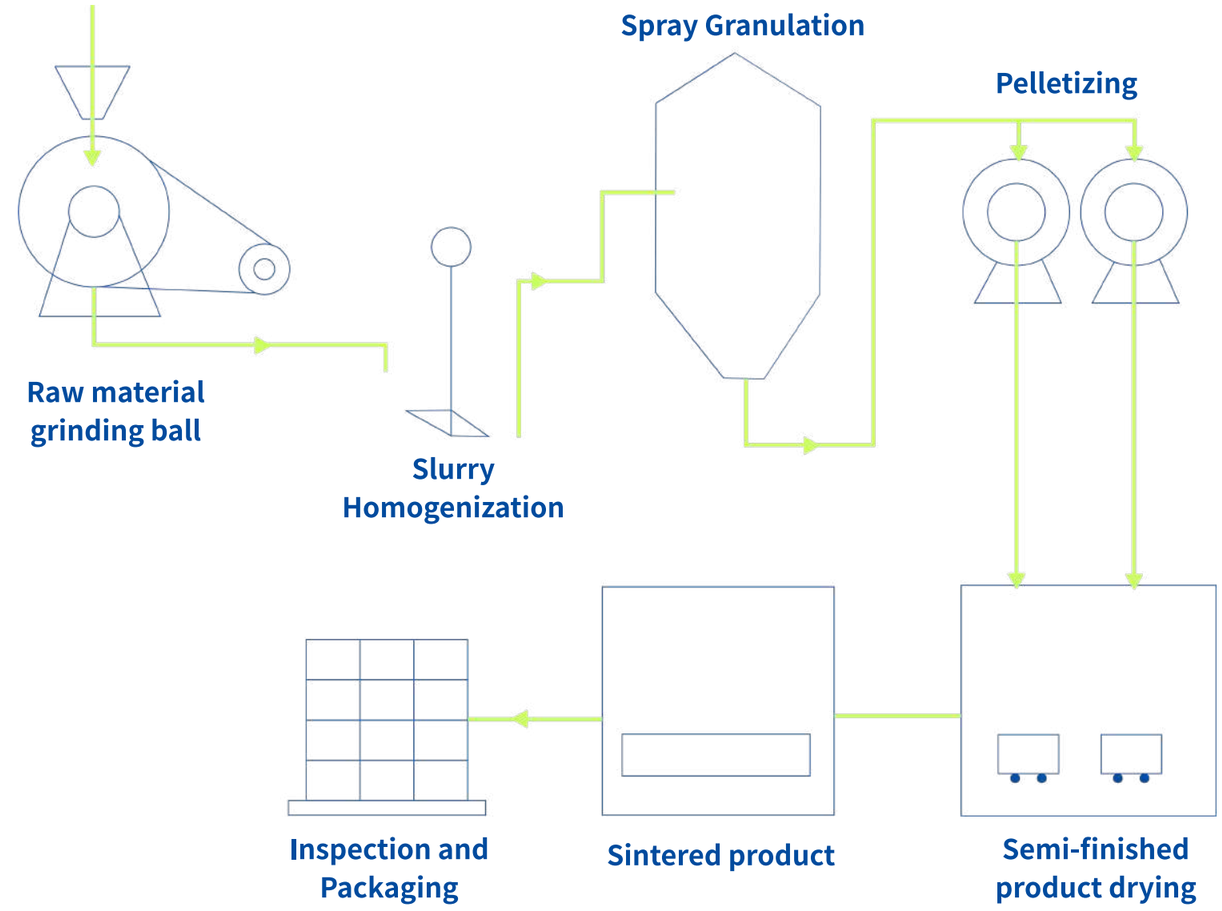
IV. Chemicals and Pesticides Industry
Dyes, pigments and coatings, pesticide and pharmaceutical intermediates:

V. Emerging Energy and Electronics Industry
Lithium battery materials, electronic pastes, magnetic materials

VI. Environmental Protection and Other Industries
Coal-water slurry, food and cosmetics:

Product parameters

Items	研磨球参数/Grinding ball parameters				
Al_2O_3 (%)	≥75	≥80	≥90	≥92	≥95
SiO_2 (%)	＜20	<16	<7	<5	<3
Fe_2O_3 (%)	＜0.4	<0.2	<0.15	<0.1	<0.1
Na_2O (%)	＜0.8	<0.5	<0.5	<0.4	<0.25
Bulk density (g/cm^3)	3.15-3.25	≥3.30	≥3.50	≥3.63	≥3.68
Wear (‰)	＜0.15	<0.12	<0.12	<0.10	<0.07
Hardness (Mohs)	8	9	9	9	9
Water absorption rate (%)	<0.02	<0.01	<0.01	<0.01	<0.01
Color	灰白色 (grey white)	白色 (White)	白色 (White)	白色 (White)	白色 (White)



Applications

Refractory ball

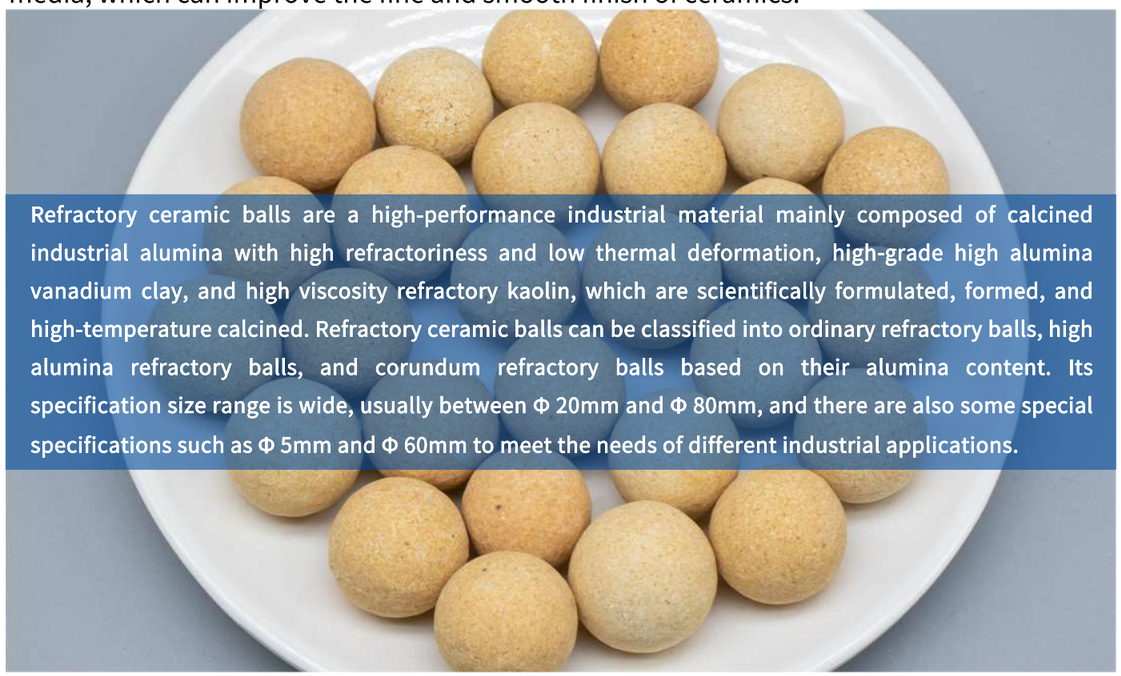
Main characteristics

1. High temperature resistance: Refractory ceramic balls have high refractoriness, which varies depending on the content of alumina. For example, refractory ceramic balls with an alumina content of around 20% can withstand high temperatures up to 1300 ℃, while corundum ceramic balls with an alumina content of up to 99% can withstand high temperatures up to 1900 ℃.
2. High mechanical strength: Refractory ceramic balls have high mechanical strength, can withstand large impact forces, and have a long service life.
3. Good chemical stability: Refractory ceramic balls have good chemical stability and are not prone to chemical reactions with materials, ensuring the purity of the reaction process.
4. Resistance to sudden temperature changes: Refractory ceramic balls can withstand large temperature changes and are not easily broken due to temperature fluctuations.

application area

Refractory ceramic balls have a wide range of applications in various fields, as follows:

1. Metallurgical industry: In the hot blast furnace and heating transformation equipment of the steel industry, refractory ceramic balls play a role in dispersing materials and improving reaction efficiency.
2. Chemical industry: In high, medium, and low temperature converters, desulfurization tanks, methanol synthesis towers, methanogenic furnaces, and other equipment in fertilizer and coal chemical industries, refractory ceramic balls play a role in dispersing gas-liquid, supporting, covering, and protecting catalysts. In addition, refractory ceramic balls are also used in hydrogen production, hydrogenation converters, reforming and other equipment in the petroleum and refining industries.
3. Ceramic production: In ceramic production, refractory ceramic balls serve as grinding media, which can improve the fine and smooth finish of ceramics.



Refractory ceramic balls are a high-performance industrial material mainly composed of calcined industrial alumina with high refractoriness and low thermal deformation, high-grade high alumina vanadium clay, and high viscosity refractory kaolin, which are scientifically formulated, formed, and high-temperature calcined. Refractory ceramic balls can be classified into ordinary refractory balls, high alumina refractory balls, and corundum refractory balls based on their alumina content. Its specification size range is wide, usually between Φ 20mm and Φ 80mm, and there are also some special specifications such as Φ 5mm and Φ 60mm to meet the needs of different industrial applications.

Product parameters

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product	Fire-resistant porcelain ball
Al_2O_3	≥65
Fe_2O_3	≤1.6
porosity (%)	≤24
Accumulacking density (KG/m³)	≥1386
Specific gravity (KG/m³)	≥2350
Compressive strength (KG/m³)	≥900
refractoriness (℃)	≥1800
refractoriness under load	≥1500
Heavy heat contraction (%)	≤0.1

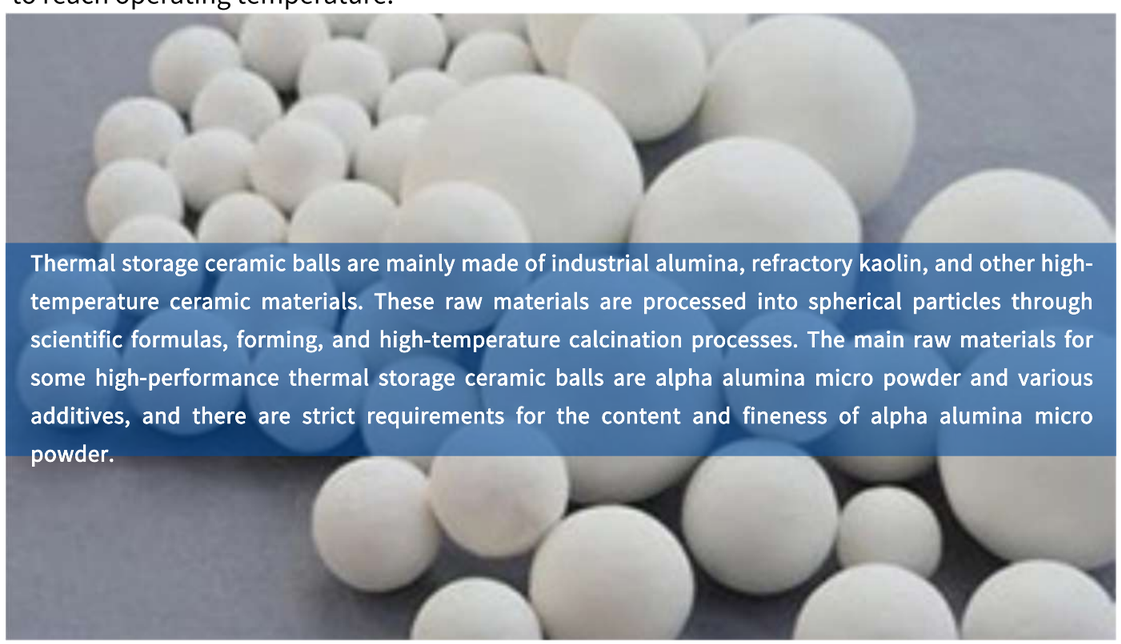
Thermal storage ceramic ball

characteristic

1. High thermal storage performance: Thermal storage ceramic balls can absorb and store a large amount of heat energy in a short period of time, with high thermal capacity and high thermal conductivity.
2. Excellent high temperature resistance: Ceramic materials can maintain stable performance in high temperature environments, and are not easily deformed or cracked.
3. Energy saving and environmental protection: Thermal storage ceramic balls can achieve the recovery and reuse of heat energy, reduce energy consumption, and minimize environmental pollution.
4. Corrosion resistance: It has good corrosion resistance to chemical media and can be used for a long time in various acidic and alkaline environments.
5. Lightweight and convenient: Thermal storage ceramic balls have a relatively light weight, making them easy to install, transport, and store.

function

1. Thermal energy storage: Thermal storage ceramic balls can absorb excess heat during non working hours or low load periods and release it when needed, ensuring the stability of the process.
2. Thermal balance adjustment: By adjusting the heat storage and release rate of the thermal storage ceramic ball, temperature balance can be achieved during the process, improving product quality.
3. Energy conservation and consumption reduction: By recycling and reusing heat energy, energy consumption can be reduced and production efficiency can be improved.
4. Auxiliary heating: During the start-up and shutdown process of the equipment, the thermal storage ceramic ball can provide a stable heat source, shortening the time for the equipment to reach operating temperature.



Thermal storage ceramic balls are mainly made of industrial alumina, refractory kaolin, and other high-temperature ceramic materials. These raw materials are processed into spherical particles through scientific formulas, forming, and high-temperature calcination processes. The main raw materials for some high-performance thermal storage ceramic balls are alpha alumina micro powder and various additives, and there are strict requirements for the content and fineness of alpha alumina micro powder.

Product parameters

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Main physical and chemical indexes of YG-XRQ series heat storage ball				
project	I	II	III	IV
Al203(%);≥	65	70	75	85
Fe203≤	1.5	1.2	1.0	1.0
apparent porosity%	22	22	23	23
Volume density (g/cm3)	2.2	2.3	2.5	2.8
Heap bulk weight (Kg/m3)	1400~1500	1400~1600	1500~1650	1600~1700
Specific surface area (m2 / m3)	200~220			
Coefficient of thermal expansion (3) (10-6 / ℃)	5.0	5.5	6	7
Specific heat capacity reference value (103 / KgK)	1.1	1.1	1.2	1.3
1100℃ water cooling (times);	30	30	30	20
Applicable temperature (℃);	1650	1700	1750	1800

Engineering case

Case 1: Application of Catalytic Cracking Unit in CNOOC Huahe Coal Chemical Co., Ltd

Case background: CNOOC Huahe Coal Chemical Co., Ltd. needs to improve the stability and lifespan of catalysts in its catalytic cracking unit.

Solution: 450 tons of high-purity ceramic balls from Rongjian Environmental Protection Chemical Packing Co., Ltd. in Pingxiang City will be used as catalyst carriers.

Effect: Not only has it improved the mechanical strength and heat resistance of the catalyst, but it has also significantly extended the operating cycle of the device, reduced the frequency of replacement, and saved millions of yuan in costs annually.

Case 2: Sulfur recovery process of natural gas purification unit of China Shenhua South China Co., Ltd

Case background: China Shenhua South China Co., Ltd. needs to recover sulfur from its natural gas purification unit

Solution: Use 265 tons of ceramic balls from Rongjian Environmental Protection Chemical Packing Co., Ltd. in Pingxiang City as packing material and introduce it into the sulfur recovery process

Effect: Inert alumina ceramic balls have excellent adsorption and corrosion resistance, increased sulfur recovery rate by 5%, reduced equipment maintenance costs by 15%, significantly improved environmental protection, and effectively improved the quality of the surrounding environment.

Case 3: Reactor Optimization Project of Datang Hulunbuir Fertilizer Co., Ltd

Case background: The packing in the reactor of Datang Hulunbuir Fertilizer Co., Ltd. failed due to long-term exposure to corrosive media, affecting production efficiency and product quality.

Solution: Adopting 375 tons of ceramic balls from Pingxiang Rongjian Environmental Protection Chemical Packing Co., Ltd. as a new type of packing to improve the corrosion resistance and heat transfer efficiency of the reactor.

Effect: The performance of the reactor is restored, production efficiency is improved, product quality is stable, and the economic benefits of the enterprise are significantly improved.

Case 4: Catalytic cracking unit upgrading of middling coal Yulin Energy and Chemical Co., Ltd

Case background: The catalyst support layer of the catalytic cracking unit of middling coal Yulin Energy and Chemical Co., Ltd. failed due to long-term erosion of high temperature and corrosive gas.

Solution: Use 435 tons of ceramic balls from Pingxiang Rongjian Environmental Protection Chemical Packing Co., Ltd. as a new support layer to improve the stability and service life of the catalyst.

Effect: The device operates stably, the utilization rate of catalysts is improved, the product quality is enhanced, and the competitiveness of the enterprise is strengthened.

List of achievements

Name of purchasing unit	Supply quantity	product name	specifications and models	a particular year
Beijing Ye Jianxin Technology Co., LTD	500 Tons	Inert porcelain ball	Φ25mm	In 2023,
Hunan Resources & Technology Co., LTD	120 Tons	Inert porcelain ball	Φ10mm	In 2024,
Inner Mongolia North Magnesium Technology Co., LTD	450 Tons	mill ball	Φ30mm	In 2024,
Shenzhen Chunwang Industrial Co., LTD	377 Tons	Fire-resistant ball	Φ10mm	In 2023,
Tianjin Nankai University	22 Tons	Chinalco ball	Φ25mm	In 2024,
Jiangsu Sato Knitting Machinery Co., Ltd	100 Tons	High aluminum ball	Φ30mm	In 2024,
Baotou Aerospace Industry and Trade Co., Ltd	220 Tons	Inert porcelain ball	Φ25mm	In 2024,
Nanjing Environmental Protection Co., Ltd	980 Tons	mill ball	Φ30mm	In 2023,
Guangzhou Luogang District Jiufotaike mechanical and electrical equipment business Department	150 Tons	Fire-resistant ball	Φ10mm	In 2024,
Sichuan Panzhihua Huirui Industry and Trade Co., LTD	400 Tons	Chinalco ball	Φ25mm	In 2024,
Hangzhou Risheng Purification Equipment Co., LTD	68 Tons	High aluminum ball	Φ10mm	In 2024,
Shenyang Hong District in Hong Township north pass forward boiler factory	66 Tons	Inert porcelain ball	Φ10mm	In 2024,
Jiangsu Hongda New Materials Co., Ltd	330 Tons	Inert porcelain ball	Φ30mm	In 2024,

Name of purchasing unit	Supply quantity	product name	specifications and models	a particular year
Nanyang Environmental Protection Engineering Co., Ltd	120 Tons	Inert porcelain ball	Φ10mm	In 2024,
Shanghai Leze Environmental Protection Co., LTD	100 Tons	Inert porcelain ball	Φ10mm	In 2024,
Taicang Xinda Chemical Industry Co., LTD	450 Tons	Inert porcelain ball	Φ30mm	In 2023,
Tianjin Nankai University	370 Tons	mill ball	Φ10mm	In 2024,
Ningbo Dingtai Chemical Co., Ltd	300 Tons	Fire-resistant ball	Φ30mm	In 2024,
Ganzhou Huajin Paper Co., LTD	500 Tons	Chinalco ball	Φ30mm	In 2024,
Shandong Zibo Wufeng Aluminum and Magnesium Technology Co., LTD	220 Tons	High aluminum ball	Φ10mm	In 2024,
Shanxi Institute of Coal Chemistry, Chinese Academy of Sciences	170 Tons	Inert porcelain ball	Φ30mm	In 2024,
Shandong HSBC Petrochemical Co., Ltd	340 Tons	Inert porcelain ball	Φ10mm	In 2023,
Yangzhou Sinochem Southern Technology Co., LTD	470 Tons	Inert porcelain ball	Φ10mm	In 2024,
Zhejiang Central Control Science and Education Equipment Co., LTD	680 Tons	mill ball	Φ25mm	In 2024,
Anhui Third Ring Paper Group spice Technology Co., LTD	380 Tons	Fire-resistant ball	Φ10mm	In 2024,
Jiangsu Crode Technology Co., Ltd	130 Tons	Chinalco ball	Φ10mm	In 2024,
Qingdao Jimo District Fengken sewage treatment plant	200 Tons	High aluminum ball	Φ30mm	In 2024,

Our Partners

ABOUT US

Company Profile

The company has a team of young and energetic management and technical personnel with a pioneering spirit. Through continuous digestion and absorption of domestic and foreign environmental protection technologies, it has formed independent innovative core environmental protection products and equipment. The company's main products include ceramic ball packing, ceramic bulk packing, plastic bulk packing, metal bulk packing, microporous ceramic filters, microporous ceramic filtration devices, honeycomb ceramic heat storage bodies, carriers, membrane hanging bio ceramic particles and other equipment and products. Its stability and reliability have reached a good level compared to similar products at home and abroad. The purpose and pursuit of Rongjian people is to drive the future with technology, improve products with innovation, survive with quality, and ensure reputation. We sincerely hope to work together with friends from all walks of life to protect the beautiful environment of humanity!

Production workshop

RONG JIAN
荣建化工

Proof of qualifications


营业执照
(副 本)
统一社会信用代码
名 称
类 型
法定代表人
经营范围
注册资本
成立日期
营业期限
住 所
登记机关
2020 年07 月29 日