

Activated

Alumina &

Activated alumina, Pseudoboehmite & Molecular sieve

Pseudoboehmite

& Molecular sieve

Quality and advanced Technology



About XiangRun



Catalyst & Adsorbent

Why Choose Xiangrun?

- ▶ Zibo XiangRun Environment Engineering Co., Ltd is a leading adsorbent ,desiccant and catalyst manufacturer in China and world. Our company was established in 2010, located in Zibo, Shandong. We manufacture activated alumina, Potassium permanganate alumina, pseudoboehmite alumina and alumina balls products. And we invest in the biggest molecular sieve factory In China.
- ▶ Our group offers exceptional expertise in the development of technology. XiangRun can blend the perfect bulk mixture to solve your oxygen and moisture control issues. Our products pass ISO9001:2008 and SGS certificate.
- ▶ Over the past years, we have established business relationships with many famous companies worldwide, including the China National Petroleum Cooperation, Sinopec, and the Petrochemical Industry Company. Our products are reliable and highly popular with customers from Germany, Britain, Kuwait, Saudi Arabia, Iran, Syria, Jordan, South Korea, New Zealand, Thailand, Indonesia, the Philippines, and many other countries.

Products Type

- ▶ * Activated alumina Desiccant * Activated alumina for Hydrogen Peroxide * Activated alumina for sulfur recovery
- ▶ * Activated alumina catalyst carrier * Activated alumina ball for defluorination agent
- ▶ * Activated alumina for removal of chloride * Activated alumina powder
- ▶ * Catalyst
- ▶ * Impregnated activated alumina
- ▶ * Molecular Sieve 13X * Molecular 5A *Molecular 4A * Molecular 3A * Molecular sieve powder
- ▶ * Pseudo boehmite
- ▶ * Alumina balls



Learn more about desiccant and more alumina products details , please email or call us. Our expert staff are happy to answer any questions you may have – just call us or e-mail us to ask.

Alumina balls

Our alumina ball is made of α alumina (α aluminium oxide--the most thermodynamically stable form) by cool isostatic pressing and fired at a very high temperature in the tunnel kiln. Our alumina ball product series include: alumina grinding ball for grinding, alumina packing balls and inert alumina ball/ceramic ball for tower packing, catalyst bed support, column internals and catalyst carrier.

Alumina balls

Content

92% alumina balls

95% alumina balls

99% alumina balls

Application

Packing Balls

Grinding balls



1. XR3010 Alumina grinding ball

XR3010 Alumina grinding ball is one ideal [ball mill grinding media](#). It can improve grinding efficiency and keep your product clean. Alumina grinding balls are high-density and ultra-high fired. It is ideal for both wet and dry milling.

Product Information:

XR3010 Wear-resisting alumina ball is high quality grinding media, which use selected high quality materials, advanced cold isostatic pressing forming technology under high calcined temperature. In order to meet the domestic and foreign customers for different class product demand, besides the 92% alumina grinding ball, we develop 95% alumina ceramic balls for requirement.

Characteristics:

- 0.5-95mm
- high specific gravity and density, which significantly improve the grinding efficiency and extend the service life of the ball mill.
- Low abrasion, corrosion resistance and wear resistance
- withstands high temperatures of more than 1,000°C. It is resistant against acid, alkali and corrosion.
- 92% and 95% alumina content for your requirement.

Performance Index	XR3010@92	XR3010@95
Alumina (%)	92	95
Ferric Oxide (%)	≤0.02	≤0.02
Hardness(Mosh)	9	9
Water Absorption (%)	≤0.01	≤0.01
Volumetric Density (g/cm ³)	≥3.60	≥3.70
Compression Strength MPa	≥2000	≥2250
Abrasion(‰)	≤0.10	≤0.08
Color	White	White

2. XR3015 Alumina packing balls

XR3015 Alumina packing ball, also called alumina filling balls, supports the gas or liquid distribution and protects active catalysts.

Products Introduction:

XR3015 alumina packing balls are used as catalyst, absorbent, desiccant and drying agent in petroleum, chemical, fertilizer, natural gas and environmental protection industries. As packing and supporting materials in catalyst reactor coverage tower, alumina ball is to increase distribution of gas or liquid, support and protect the intensity of low strength activity catalyst.

Characteristics:

- Size: 3mm, 6mm, 8mm, 10mm, 13mm, 16mm, 19mm, 25mm, 30mm, 38mm, 50mm, 65mm, 70mm
- high specific gravity and high density
- Low abrasion, corrosion resistance and wear resistance
- withstands high temperatures of more than 1,000°C. It is resistant against acid, alkali and corrosion.
- 92% and 99% alumina content for your requirement.

Item	Unit	Technical requirement		
Particle size	mm	0.5~95		
Series		XR3015@30	XR3015@92	XR3015@99
AL ₂ O ₃	%	> 92%	≥92	≥99
SiO ₂	%		≤5	≤5
Fe ₂ O ₃	%	<1%	≤0.23	≤0.04
Mosh hardness		>6.5	≥9	≥9.5
Water adsorption	%	<0.5	≤4	≤5
bulk density	g/ml	1.35-1.4	≥1.9	≥2
Volume density	ml	2.3-2.4	≥3.2	≥3.1

Package & Loading



Thanks a lot for your visit!

We trust our best quality, best service, and competitive price could let our customers believe in us.

You could find us as below information:

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