

SG Aluminum Gel

Product Overview

This product is made by drying the peptized pseudo-boehmite into balls, which are used as polishing materials in the fields of precision optical lenses, infrared windows of spacecraft, large bearings, blades, etc. This product is soluble in water, has stable product indicators and excellent application performance.

Main Uses of The Product

Grinding of alloys, hardened steel, tool steel, hard chrome, hard cast iron, etc.

Polishing materials

Dehydrogenation catalyst

Product Characteristic Index

Product Model	Fe ₂ O ₃ (%)	Na ₂ O (%)	Ignition loss (%)	Gel index (%)	Alumina trihydrate (%)	Pore volume (ml/g)	Specific surface area (m ² /g)	PH
	≤	≤	≤	≥	≤	≥		
A-AG-70	0.05	0.1	30	95	0.5	0.3	220-280	4-7

High Purity Boehmite



High Purity Boehmite

Product Overview

It has a white crystalline powder appearance, uniform particle size, stable chemical properties, is difficult to dissolve in acid and alkali, and has good sintering activity. It is a high-quality raw material for preparing high-purity alumina powder, functional ceramics and catalyst carriers.

Product Characteristic Index

Product Model	Si (PPM)	Fe (PPM)	Na (PPM)	Ca (PPM)	Mg (PPM)	Cu (PPM)	Cr (PPM)	Ti (PPM)	Particle size 50 (μm)	Moisture (%)
B-G-HP	15	< 3	< 30	< 3	< 1	< 1	< 2	< 1	35-50	35±5

Zeolite



A and X-type Zeolite Powders For MOlecular Sieves

Product Overview

4A molecular sieve zeolite raw powder is prepared by special process, with perfect crystallization, excellent selective adsorption, deep drying, extreme drying capacity, non-toxic, odorless, and good fluidity powder product. This product is a characteristic crystal composed of β cages, with the main pores of 4A, which can be exchanged to produce 3A and 5A molecular sieves, and can be regenerated and reused after simple drying.

X-type zeolite raw powder is a microporous silicon aluminum zeolite with unique pores and large specific surface area, excellent shape-selective catalytic performance, molecular sieving performance and ion exchange performance, and is widely used in petroleum processing catalysis, gas separation, water treatment and other fields.

A, X-type molecular sieve zeolite has a wide range of applications in the drying, purification, separation and purification of gases, liquids and organic matter.

Main Uses of The Product

Air adsorption separation for oxygen and hydrogen production

Refrigerant , Petrochemical catalyst materials

VOCs treatment , Insulating glass

Product Characteristic Index

Product Model		Z-3A-S	Z-4A-S	Z-3A-35MS	Z-4A-35MS	Z-5A-S	13X
Static water adsorption (%)	≥	24.5	26.5	25	26.5	27	32.5
Bulk density (g/ml)	≥	0.6	0.6	-	-	0.6	0.5
Carbon dioxide adsorption (%)	≥	-	-	-	-	-	23
+325 mesh (wet sieve) (%)	≤	0.5	0.3	0.5	0.3	0.3	0.3
Whiteness (W=Y10)(%)	≥	96	96	-	-	96	96
PH value (1% solution, 25°C)	≤	11.3	11.3	11.3	11.3	11.3	11.0
Ignition loss (550°C, 1h)(%)	≤	20	22	35-45	32-42	22	22
Potassium exchange degree (%)	≥	40	-	40	-	-	-
Calcium exchange degree (%)	≥	-	-	-	-	75	-
Silicon-aluminum ratio	≤	-	-	-	-	-	2.5