Highly Viscous Pseudo Boehmite

The products are mainly divided into four categories: high viscosity type, small hole type, large hole type, and high-purity pseudo boehmite. High viscosity products have high purity, good water solubility, strong adhesion, easy sintering, and high hardness. The product features obvious advantages and low prices, with broad application prospects in fields such as catalysts, high-temperature binders, and high-end abrasives and grinding tools.

Product Description

Carbonization method products have low sulfur content and the lowest sodium content is less than 0.05%, among which small pore products have good solubility.

The pore volume distribution of sulfuric acid method products is concentrated, and the pore volume is larger than that of carbonization method.

Aluminum alcohol method products have high purity and good solubility.

Sinoal Product Data

SINOAL

	Product Model	Applications							
		FCC	Hydrogenation	sulfur-resistant transformation	MTO	Abrasive	Binder	Activated Alumina	Other
Highly viscous pseudo boehmite (carbonization method)	JWN-AH-GN01 JWN-AH-GN11	√	√	√	√	√	√	√	√
Pinhole pseudo boehmite (carbonization method)	JWN-AH-2N01 JWN-AH-2N02	√	√	√			√		
Low sodium pseudo boehmite (carbonization method)	JWN-AH-2N11	√	√	√	√		√	√	√
Macro-porous Pseudo Bothmite(Aluminum sulfate method)	JWN-AH-DK-7 JWN-AH-DK-10		√			√		√	√
High purity pseudo boehmite (carbonization method)	JWN-AH-3N01	√	√	√	√			√	

Sinoal Product Data

Product Application

1. Used as a binder and aluminum source for the synthesis of molecular sieves in the petrochemical and refining catalyst industries

Pseudo boehmite is mainly used as a binder for catalytic cracking catalysts. Using pseudo boehmite as a binder can not only improve the strength of the catalyst, but also adjust the pore size distribution of the catalyst, enhance its thermal and hydrothermal stability, regulate the density of acidic active centers, and improve catalytic activity.

2. Used as a catalyst carrier

Pseudo boehmite is widely used as a catalyst carrier for various reactions in the chemical, refining, and petrochemical industries. Typical examples include hydrogenation refining catalyst carriers, reforming catalyst carriers, and methane catalytic carriers. After dehydration, pseudo boehmite can also be used as a catalyst to produce gamma alumina.

Sinoal Product Data

SINOAL

Product Model	Product Index									
	AlOOH Purity	Al2O3 Dry Basis	SiO2	Fe2O3	Na2O	SO4(2-)	BET	Pore Volume	Gelatinization Rate	Remark
	%	%	%	%	%	%	m2/g	mL/g	%	_
JWN-AH-GN01	≥99	≥42%	≤0.15	≤0.02	≤0.15	——	≥240	≥0.3	> 98	Highly viscous and humid products
JWN-AH-GN11	≥99	≥80%	≤0.3	≤0.03	≤0.3	——	≥240	≥0.3	> 98	High viscosity dry powder
JWN-AH-2N01	≥99	70±2	≤0.3	≤0.03	≤0.3	——	≥240	≥0.3	> 95	Pinhole
JWN-AH-2N02	≥99	65±2	≤0.3	≤0.03	≤0.3	——	≥240	≥0.3	> 96	Pinhole
JWN-AH-2N11	≥99	65±2	≤0.3	≤0.03	≤0.1	——	≥240	≥0.3	> 95	Pinhole low sodium
JWN-AH-DK-7	≥99.5	70±2	≤0.1	≤0.05	≤0.1	< 1.0	≥280	0.70-1.0	——	Mesopore
JWN-AH-DK-10	≥99.5	70±2	≤0.1	≤0.05	≤0.1	< 1.0	≥280	≥1.0	——	Macropore
JWN-AH-3N01	≥99.5	70±2	≤0.008	≤0.008	≤0.003	——	≥280	≥1.0	——	High-Purity

Support customized product processing: Products with different purities, sodium and other impurity contents, alumina dry basis content, pore volume and diameter, median particle size, etc. can be processed and customized