



Shandong Zhanchi New Materials Co., Ltd  
Shanghai Chenxu Trading Co.,Ltd

ADD: Room 531 Building 37 No.,2049 Road,Minhang District,Shanghai,CHINA.201104

## High purity pseudo boehmite



Pseudo boehmite, chemical formula is  $\alpha$ -ALOOH, also known as pseudo monohydrate, is non-toxic, odorless, odorless, white colloid (wet) or powder (dry). It has the characteristics of high purity, good solubility, strong adhesion, high specific surface and large pore volume, and its water state is thixotropic gel.

### Our company high purity pseudo boehmite technical specifications

Model		CX-N500	CX-N501	CX-N1002	CX-N1003
Purity	%	>99.999	>99.99	>99.95	>99.8
Phase state		$\alpha$ -ALOOH			
Appearance		White powder			
Mean Particle Size(D50)	um	2-12	2-12	2-12	2-12
BET Specific Surface Area	m <sup>2</sup> /g	≥180	≥180	≥140	≥140
Si <sup>2+</sup>	PPm	<3	<20	<30	<200
Fe <sup>3+</sup>	PPm	<3	<10	<20	<50
Cu <sup>2+</sup>	PPm	<2	<5	<5	<5
Na <sup>+</sup>	PPm	<5	<15	<100	<500
Apparent Density	g/cm <sup>3</sup>	0.3-0.6	0.3-0.6	0.3-0.6	0.3-0.6
Packing		20kg	20kg	20kg	20kg



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**High purity pseudo boehmite application**

- 1) Binder for synthesizing rare earth Y-type molecular sieve cracking catalys, binder for aluminum silicate refractory fiber
- 2) Catalysts for alcohol dehydration to ethylene and ethylene oxide
- 3) Catalyst support
- 4) Raw materials of activated alumina and other aluminum salts
- 5)  $\gamma$ - Al<sub>2</sub>O<sub>3</sub>(It is produced by roasting pseudo boehmite at 400-700 °C) is widely used as catalyst support, catalyst and adsorbent
- 6) Nanoscale  $\alpha$ - Al<sub>2</sub>O<sub>3</sub>( $\gamma$ - Al<sub>2</sub>O<sub>3</sub>(It is produced by roasting pseudo boehmite at 1100-1200 °C) is widely used as coating additive, efficient catalyst an so on.