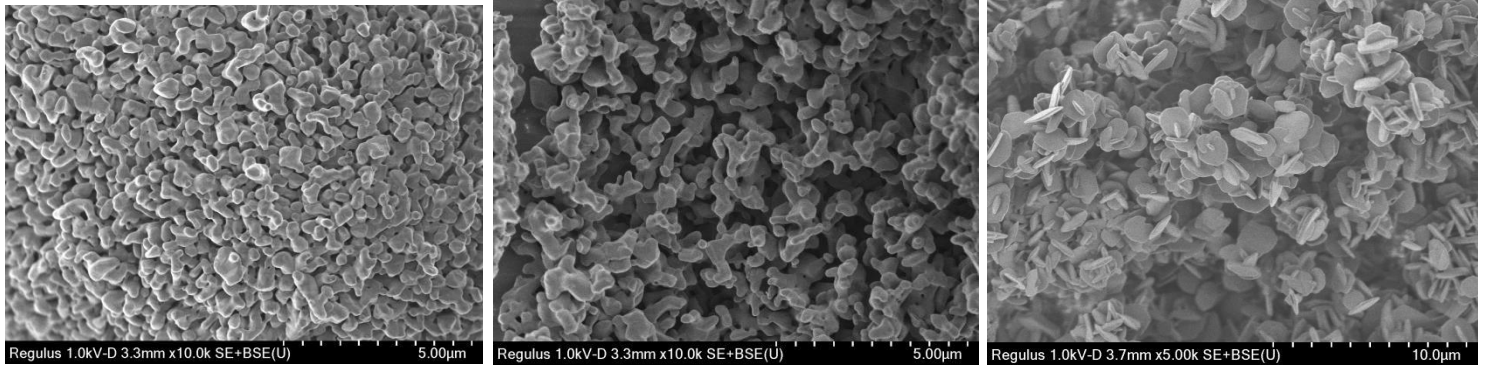




Shandong Zhanchi New Materials Co., Ltd  
Shanghai Chenxu Trading Co.,Ltd

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

## Alumina polish powder



With its high hardness and good stability, nano alumina has outstanding performance in industrial applications such as precision machining and manufacturing. It is widely used in the production of resin polishing abrasive, especially for high-precision grinding and mirror polishing.

### Characteristics:

- (1) The powder has small particle size and uniform particle size
- (2) It has high purity of 99.99% and does not contain mechanical impurities
- (3) It has good dispersibility and adsorption to ensure the uniformity and efficiency of the processing process
- (4) The powder particles have a certain lattice shape and form sharp corners when broken, so as to improve the polishing efficiency;



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Our company alumina polish powder technical specifications (OEM available)

Model		CX-500	CX-600	CX-700	CX-B1003
Purity	%	>99.95	>99.95	>99.95	>99.8
Phase state		α-Al <sub>2</sub> O <sub>3</sub>			
Appearance		White powder			
Mean Particle Size(D <sub>50</sub> )	um	0.8-1.2	1.3-2.2	2.3-3.0	1-2
BET Specific Surface Area	m <sup>2</sup> /g	3-5	3-5	3-5	3-5
Ca <sup>2+</sup>	PPm	<30	<30	<30	<500
Fe <sup>3+</sup>	PPm	<15	<15	<15	<50
Cu <sup>2+</sup>	PPm	<5	<5	<5	<5
Na <sup>+</sup>	PPm	<40	<100	<100	<300
L.O.I	—	0.05	0.05	0.05	0.1
Packing		25kg	25kg	25kg	25kg

**Alumina polish powder application:**

- 1) Metallographic polishing
- 2) Electronic material grinding
- 3) Paint polishing
- 4) 12k-16k mirror polishing
- 5) Sapphire polishing