



Shanghai Chenxu Trading Co.,Ltd

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

Product	4N 99.99% high purity alumina polishing powder
	4N 99.99% high purity aluminum oxide polishing powder

Basic overview:

1) Ingredient: alumina polishing powder, the main ingredient is calcined at high temperature α -Al₂O₃ powder.

2) Crystal hardness: the calcination temperature for preparing alumina polishing powder should be high, generally above 1600, so as to ensure that the product has good hardness.

3) Single crystal size and shape: the single crystal size determines the thickness of the surface texture of the polished product, which is not easy to clear. Round or elliptical crystals are easy to throw out black light, diamond crystals are easy to throw out yellow and white light, and flake or flocculent crystals have poor grinding force and are not easy to give out light.

4) Average particle size and distribution: different polishing processes are determined according to the average particle size, generally 20-45 μ m. The particle size of M is used in the rough polishing process, 4-20 μ m. The particle size is used in the middle polishing process, 1-4 μ m. Particle size is used in fine polishing process, 1 μ m or less is used for mirror polishing. The narrower the particle size distribution, the higher the polishing efficiency.

Our company alumina polishing powder description: Our company 4N 99.99% high purity alumina polishing powder is a kind of white powder or fine sand, with special crystal structure, uniform powder, suitable oil absorption rate, low impurities, high melting point, moderate hardness and strong self sharpening. It is insoluble in water and difficult to dissolve in acid and alkali solutions.



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Specifications:

4N 99.99% high purity Alumina polishing powder					
Type		CX005A	CX005B	CX005C	CX005D
Al ₂ O ₃ Content	%	≥99.99%	≥99.99%	≥99.99%	≥99.99%
Phase state		α -Al ₂ O ₃	α -Al ₂ O ₃	α -Al ₂ O ₃	α -Al ₂ O ₃
Appearance		White powder	White powder	White powder	White powder
temperature		Middle and high	Middle and high	Middle	High
D10	um	0.3~0.6	1~2	0.8~1.2	0.3~0.8
D50	um	0.7~1.5	4~6	2.5~3.0	0.7~1.5
D90	um	1.4~2.0	14~17	5.0~6.0	1.4~2.0
Apparent Density	g/cm ³	0.4-0.7	0.4-0.7	0.4-0.7	0.4-0.7
SpecificSurface	m ² /g	4-6	4-7	4-6	4-7
Sintered Density	g/cm ³	/	/	/	/

Application: 4N 99.99% high purity alumina polishing powder mainly used in tableware industry, jewelry industry, auto parts, optical lenses, machine electrical accessories and other industries requiring surface treatment.

OEM : We also have other type 4N and 5N high purity alumina polishing powder , contact with us for OEM