AO-P Aluminum Oxide Polishing Powder

Introduction

AO-P alumina polishing powder is an ultra-high-purity polished alumina, which is calcined from high-purity alumina. It includes two forms of existence, the aggregate-free form and the standard form.

TrojanAO-P alumina is a high-quality polishing powder produced by calcining high-purity alumina with a purity of 99.9%. Then, after a special process of "unclustering", the large agglomerates or those that may cause scratches are dispersed, and the precise quality control of each batch of powder can be carried out by continuous monitoring using a laser particle analyzer. The B.E.T. surface area is also controlled within ±1m2/gm in order to keep specifications consistent from lot to lot. AO-P powders are widely used in the manufacture of components where fine scratches cannot be tolerated.



Technical features

·The grain size is fine and the crystal form is intact;

·It has a large specificity and good dispersion.

·Large specific surface area, suitable for mirror polishing purposes.

·Strong applicability, only about 3~5 grams each time can complete the mirror polishing treatment of the sample.

·The experimental operation is simple, only need to be used together with the polishing cloth.

·Long storage period, long-term storage for more than two years will not deteriorate and affect the polishing performance of the product. Convenient for accurate scientific analysis of specimens.

Technical parameters

1. Purity: >99.9%.

2. Primary particle size: 0.05—1.0um.

3. specific surface area: 90--110m2/g.

4. moisture%: <0.05%.

5. PH: 4.5--5.5.

Ordering Information

Commonly used nominal specifications include 0.05, 0.1, 0.3, 1.0 microns

Storage conditions

Do not squeeze during transportation and storage. The temperature of the storage room should be below 20°C. Store in a hygienic, cool and dry place.

Product packaging

Product Code	Granularity	Specification
06.13.011	0.05μm	1.0(LB/Bottle)
06.14.030	0.1μm	1.0(LB/Bottle)
06.13.021	0.3μm	1.0(LB/Bottle)
06.13.031	1μm	1.0(LB/Bottle)