

YD-2000 Matting Agent

YD-2000 is the latest generation of products developed by our company with advanced production technology and equipment. It is made of high quality, high purity, multi-pore, synthetic amorphous silica gel particles and organic surface treatment. It is a nano-scale macroporous silica aerogel matting powder.

1. Technical indicators:

product model	YD-2000	pH (5% aqueous suspension)	6.5-7.0
surface	White powder	Oil absorption (g/100g)	270-280
SiO ₂ Content (dry basis, %)	99	Heat reduction (105°C 2 hours)	≤4.5-5.0%
Porosity (ml/g)	1.8	Loss on ignition (1000°C)	7.0-8.0
surface preparation	Organic treatment	Fineness (platen fineness gauge)	2.0-2.1μm

2. Main features:

• oil absorption :	Small oil absorption, will not affect the viscosity of paint, even long storage will not be false thick.
• High light absorption efficiency:	The special particleization treatment makes it have a good dispersion degree. Compared with other silica matting powder, the porosity is significantly larger, which improves its matting efficiency.
• High transparency:	Small particle size, and a narrower particle size distribution, so as to achieve more ideal film smoothness and excellent film transparency.
• Best suspension:	Through unique surface treatment technology, it has the function of thixotropy, anti-sink, anti-flow and haze elimination at the same time.
• High resistance to excessive grinding:	Organic treatment products can show excellent scratch resistance and wear resistance, feel very good.

3. Application scope:

Industrial coatings, wood coatings, plastic paint, water-based paint, UV curing paint, ink, film coatings;

4. Reference dosage and precautions:

Semi-gloss: 3-6%; matte: 6-9%;

5. Product packaging and storage:

The composite woven bag of cowhide is wrapped in an imported film bag, with a net weight of 10KG/bag.

After unpacking, the unused products should be tightly tied at the bag opening and used as soon as possible to avoid moisture and affect product quality.

The above information is based on the product situation. Due to different producer formula, production process and construction conditions, the above statement is for reference only. The company does not assume any legal responsibility, please test the dosage before use. The company reserves the right to improve its products and any changes in specifications will not be notified in advance.