

YD-7000 Matting agent

YD-7000 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 surface treatment with organic wax. It is a nano-scale macroporous silica aerogel matador.

1. Technical indicators:

product model	YD-7000	pH (5% aqueous suspension)	6.0-7.0
surface	White powder	Oil absorption (g/100g)	250-260
SiO ₂ Content (dry basis,%)	99	Heat reduction (105°C 2 hours)	≤4.2-4.5%
Porosity (ml/g)	2.0	Loss on ignition (1000°C)	8.0-9.0
surface preparation	Organic wax 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.
• Higher extinction efficiency:	Compared with other silica matting agents, the porosity is significantly larger, which greatly improves its matting efficiency.
• Higher transparency:	Small particle size and narrower particle size distribution can achieve more ideal film smoothness and excellent film transparency. In the full matte state, wood grain, paper grain and matching background color are very clear and bright.
• Best suspension:	Through the unique surface treatment technology, it has good suspension, even long-term storage will not form hard precipitation, and can ensure stable gloss.
• High resistance to excessive grinding:	Organic wax treated 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:

Half light: 3-6% Dull light: 6-9% Use this product as far as possible to avoid temperature above 60°C.

5. Product packaging and storage:

Cattle leather composite paper bag, inner white paper imported, net weight 10KG/bag.

After unpacking, 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.