

The logo for Tianwen, featuring the brand name in a stylized blue font with a red and orange swoosh above the 'n'.A blue square logo with the letters 'TW' in large white font, and 'F31203Q' in smaller white font below it.An orange rectangular box containing the text 'Spherical polyamide wax micropowder' in white font.

Product Introduction

Modified polyamide ultrafine wax powder

Chemical composition

Polyamide 12

Feature benefits

1. High porosity and good dispersibility;
2. The melting point is high, and it can withstand 350°C;
3. The extremely narrow particle size distribution makes the product performance stable;
4. Extremely high sphericity can significantly improve the surface touch and scratch resistance of the paint film.

Recommended use

1. Various plastics and plastics;
2. Various coatings, especially powder coatings and solvent based, water-based, UV curable wood coatings;
3. Ink.

Recommended dosage

0.5-5% of total weight.

Technical data

| | |
|------------------------------|-------------------|
| Melting point (°C): | 175 |
| Average particle size (D50): | 120±5 |
| Average particle size (D90): | 180±10 |
| Specific gravity: | 1.02 |
| Appearance: | Fine white powder |

Processing guidance

1. Add in the post production stage;
2. Mix and disperse at medium to high speed;
3. Because the product is spherical, grinding should be stopped to avoid damaging the sphericity.

Storage and transportation

1. It is cool, dry, and ventilated, below 60 °C, and must not be near the kindling;
2. The shelf life in sealed containers is two years.

Packing

Packed in 20 kg paper bags.

We provide these data and technical advice with our existing knowledge. However, because of the different application environment, please users according to the test application, we can not guarantee all the circumstances.

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