

The logo for Tianwen, featuring the word "Tianwen" in a stylized blue font with a red and yellow swoosh above the "i" and "w".

### **Product Introduction**

Polytetrafluoroethylene modified  
polyethylene ultrafine wax powder

### **Chemical composition**

Polytetrafluoroethylene PTFE modified  
polyethylene PE

### **Features and advantages**

1. Excellent scratch resistance and good wear resistance;
2. Outstanding hand feel and lubrication effect;
3. High glossiness and good dispersibility;
4. Outstanding hardness.

### **Recommended use**

1. This product is suitable for various coatings, plastics, inks, and cosmetics fields;
2. Especially suitable for coil steel, printing iron, wood paint, including solvent based, UV curing systems, etc.

### **Recommended dosage**

0.3-5% of the total weight.

### **Technical data**

Melting point (°C):	115
Average particle size (D50):	4-6
Average particle size (D90):	9-11
Specific gravity:	1.1
Appearance:	Fine white powder

### **Processing guidance**

1. Add in the post production stage;
2. Mix and disperse at medium to high speed;
3. Due to the low melting point, grinding should be avoided.

### **Storage and transportation**

1. It should be cool, dry, and ventilated, below 60 °C, and should not be close to the flame;
2. The shelf life in a sealed container is two years.

### **Packing**

Packed in 20 kilograms of 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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