



Product introduction

Ultra Micronized Fluoropolymer Waxes

Chemical composition

Fluoropolymer

Technical data

Bulk density (G/L):	500	Melting point (°C):	260
Average particle size (D50):	4-5	Particle size (D90):	<9
Particle size (D97):	<12	BaiDu:	≥98
Exterior:	Fine white powder		

Features and advantages

1. Fluoropolymer micropowder is a low molecular weight white micropowder processed by a special process, with excellent wear resistance, self-lubrication, chemical resistance and thermal stability;
2. Can significantly improve the product's wear resistance, smooth surface feel, enhanced scratch resistance and other properties.

Purpose and method of use

1. Plastics: Fluoropolymer micropowders can be used as modifiers for synthetic materials. At present, almost all engineering plastics with improved lubricating properties in the world are mixed with fluoropolymer micropowder. Such as PA, POM, PC, PBT, PPS, ABS and other resins, adding 5-25% fluoropolymer micropowder can significantly improve the wear, friction and viscous sliding properties of parts prepared from these materials, and can be used in the manufacture of gears, Bearings and pulleys, etc., can also be used to replace lubricating metal parts, reducing the weight of parts and reducing maintenance costs. The specific addition amount can be consulted with our company.
2. Coatings: Fluoropolymer micropowder can obtain and improve a variety of high-performance coatings to meet the needs of industrial development for the coating industry, such as coils, powders, leather, home appliances, wheels, construction machinery, non-stick coatings, etc. Recommended The dosage is 0.1-1% of the total amount. It is added in the early stage of the production process, and high-speed stirring is required to achieve the best dispersion effect.

Storage and transportation

1. Cool, dry and ventilated, below 60°C, and not close to fire;
2. Shelf life in sealed package is two year.

Package

Packed in 25kg paper drum.

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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