Peflon Polytetrafluoroethylene superfine powder is a low molecular weight polytetrafluoroethylene resin processed by our company's special process. It not only maintains the excellent properties of PTFE, such as chemical resistance, thermal stability, weather resistance, temperature resistance, non-stick, flame retardancy and self-lubrication, but also has many unique properties, such as high crystallinity, good dispersion, and easy to mix with ether materials evenly.

Therefore, it is widely used in the blending medification of polymer materials to improve the lubricity, wear resistance,non-stickiness and fame retardance of the base material, so as to significantly improve the use performance of the base material. tn addition, it can also be used as an additive with excellent performance in lubricating grease,ink, paint, engineering plastics and other industries, as well as directly as on oil-free lubricant.

TYPICAL PROPERTIES OF PTFE Micro-powder PF-599

Grade	PF-599
Appearance	White Powder
Whiteness,% ≥	99
Average particle size D50, μm	3.0-4.0
Bulk density,g/l	250-550
Melting point ℃	327±5

Recommended application and method

- Used for adding in PA.POM, PBT, PC/ABS,HIPS and other resins. Improve the wear resistance and peevent the scratch on the material surface; improve the sliding performince, reduce the friction, noise and adhesion between materials.
- For coating system, due to small particle sirc, narrow distribution and 0.1% - 1.0% addition,high-speed mixing is required to achieve the best dispersion effect. It can improve its viscosity, reduce friction, improve wear resistance, improve corrosion resistance and reduce infiltration.
- Used for printing ink and primter ink-jet powder, which can improve its wear resistance, sorfnce smoothness and glossiness.
- For lubricating oil based on silicane, fluorosileuane and hydrocarbce, a smooth and uniform suspension can be obtained by traditional blending method.
- For rubber (clastomer), it can improve its wear resistance, surface scraich resistance and lubrication.

Packing

- 25kg net weight in pvc bag, and carton.

STORAGE AND HANDLING

- After using the bag, make sure to store it in a sealed place to prevent the product from being affected by moisture;
- Protect your eyes, wear masks and gloves in the work; the workplace must be kept ventilated;
- In order to maintain good dispersion and mixing of PTFE powder, it can be dried in an oven at <120℃CC before use.

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