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-583

Grade	PF-583
Appearance	White Powder
Whiteness,% ≥	99
Average particle size D50, μm	2.5-3.5
Bulk density,g/l	200-300
Melting point ℃	327 ± 5

Recommended application and method

- For lubricating oil based on silicane, fluorosileuane and hydrocarbce, a smooth and uniform suspension can be obtained by traditional blending method.

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℃C before use.

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