
Organic Fluorine Electret Masterbatch

TPD-532

Description

TPD-532 is a kind of organic fluorine electret masterbatch based on polypropylene resin with ultra-high melt index, which can effectively improve the short-term storage capacity of melt blown PP nonwovens, and greatly improve the long-term stability of electrostatic charge after electret. Fluorine atom has strong electronegativity, the surface charge of fluorine-containing material is not easy to escape under the influence of external conditions.

Features

- Good persistence and can keep the filtration efficiency of the filter material for a long time.
- It is easy to form interface charge between organic fluorine and polypropylene matrix fiber, which can effectively improve the electrostatic capacity of the fiber.
- It can be applied to many kinds of polarization technologies such as thermal polarization and corona polarization.

Technical Index

Item	Typical Value
Appearance	White granule
Melting Point, °C	>160°C
Melt Index	>700

Applications

It is suitable for the production of melt blown cloth with filtering efficiency of 95 or 99 and can significantly improve the electrostatic effect.

Use Method

TPD-532 is a high-efficiency electret masterbatch. The addition amount of about 3% can have obvious effect. The recommended dosage level is: 3-5%, the optimal dosage level is determined by the trial.

Packing

Environmental friendly carton drum lined with PE bag, net weight 25kg/drum.

Transportation & Storage

Transported as non-dangerous cargo.

Avoid severe vibration and high temperature sunshine during transportation.

Stored in cool, dry, dark and ventilated place, avoid moisture, fire and strong oxidant.

Shelf Life

2 years.
