

■ Anti-dripping Agent FD3150

FD3150 is series of chemically modified PTFE, PFOA-free. By addition it into thermoplastic compound formula, the plastics will have enhanced anti-dripping property to meet UL V0 and V1 standard. At one time, CTI will be enhanced in special material. It is a kind of flame retardant synergistic agent and can be coordinated with various FR, including P, Br, Si, F, Sulfonate, N etc.

Compared with pure PTFE, FD3150 has excellent dispersity and easy handling features.

■ Product Form

White or light yellow free flow powder

■ Applications

Apply to many kinds of thermoplastic compound formula, including PBT, ABS, PC, PC/ABS HIPS, PA and alloys, details are as follow:

PBT (0.2-0.5%), upgrade the flame retardant rating and CTI;

ABS (0.1-0.2%), reduce the amount of bromide (Br) and antimony (Sb) in flame retardant system, improve impact strength;

PC (0.1-0.5%), prevent dripping, upgrade the flame retardant rating;

PC/ABS (0.2-0.3%), compound with BDP/RDP, prevent dripping, upgrade the flame retardant rating;

HIPS (0.2-0.3%), prevent dripping, upgrade the flame retardant rating;

PA (0.2-0.3%), prevent dripping, upgrade the flame retardant rating;

PE/PP (0.2-0.5%), prevent dripping, upgrade the flame retardant rating.

■ [Physical Property]

		UNIT	SETTING
SETTING	PTFE Content	%	47-55
	Moisture Content	%	≅ 0.5
	Bulk Density	g/cm ³	0.25-0.45
	Whiteness	---	>80

■ IMPORTANT REMARKS:

This grade is free from pollution and an environment-friendly product.



FD3150

■ **Processing Guide**

Add directly, granulated by twin-screw extruder.

■ **Quality Guarantee Period & Storage**

1 year, below 30°C, store in cool dry condition.

■ **Package**

Net weight 20Kgs per carton box

■ **Safety Data Sheet**

Please refer to the MSDS provided by our company.

■ **Safety/ Toxicology**

To avoid potential hazards (including the evolution of toxic vapors) associated with processing this material, please read and follow the information provided in MSDS documents available to you through LANPOLY sales representative. You should also read and follow all directions from suppliers of other ingredients that you intend to use in conjunction with LANPOLY material.

- ☞ Product category code / FD3150
- ☞ The data above is the experimental determination value based on our test standard. To ensure the characteristics of the product, please consider other experimental data.