

Technical Data Sheet

PTEF MICRO POWDER WAX NV-305P

Product Description:

NV-305P is a special polytetrafluoroethylene micropowder wax, an ultra-fine powder with high smoothness, temperature resistance, transparency, increased wear resistance and anti adhesion, easy dispersion, and excellent performance in various applications. Its purpose and characteristics are as follows: providing excellent surface performance and a smooth feel, making the film surface excellent in resistance to scratches, stickiness, wear resistance, increased smoothness, and resistance to metal scratches. It has high transparency, excellent flexibility, and special resistance to high-temperature yellowing. It has minimal impact on the gloss of the paint film, especially suitable for high-end furniture paint, home appliance paint, coil steel paint, can coating, powder coating, and other advanced paint systems Greatly improve the water resistance and waterproofing ability of the paint film.

technical parameter

quality index	appearance	Performance density	Particle size distribution (Laser diffraction, volume distribution)	whiteness	Specific surface area	melting point
quality requirement	White fine powder	0.5g/ml	D50: <10μm D90:<20μm	97	2-3m ² /g	350± 3

Application Description

Application scope	Application suggestions	Product characteristics
powder coating	Recommend 1-3%, including wear-resistant, scratch resistant, matting, anti adhesive, anti slip, and anti settling agents.	High hardness Excellent chemical resistance Good compatibility with other waxes Good lubrication performance Excellent pigment wettability Excellent dispersion performance
paint	Suggest 0.5~1.5 hand feel agents, anti scratch agents, and anti slip agents.	
engineering plastic	Suggest 5-20 PPS wear-resistant, POM wear-resistant, PA wear-resistant, PC anti dripping agent	

Packaging and Storage

Product packaging: 25kg/bag, standard packaging 1 ton/pallet

The product should be stored in a dry and dust-free location with a temperature below 50 ° C, and protected from direct sunlight, away from sparks, and in a well ventilated area. It should be stored separately from oxidants and edible chemicals, and should not be mixed, as this may lead to quality degradation, color and odor changes, and may affect the physical properties of the produc



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