

## Technical Data Sheet OPE WAX NV-610P

### Product Description:

NV-610P is a high-density oxidized polyethylene wax that promotes plasticization, has good thermal stability in the later stage, good plasticization and luster, and can increase dispersion and brightness in the color masterbatch. It can be used as a lubricant for plastics such as polyvinyl chloride, with excellent internal and external lubrication effects. It can improve the lubricity between polymers and metals, improve the dispersion of colorants, and endow products with good transparency and luster. It can replace Honeywell's 316A in equal quantities.

### technical parameter

quality index	appearance	Particle size (20mesh) %	viscosity (CPS@140°C)	density g/cm <sup>3</sup>	Shore hardness ShoreA	softening point °C	Acid Value
quality requirement	White powder	99	10000 ± 500	0.96	95	135 ± 3	16-24

### Application Description

Application scope	Application suggestions	Product characteristics
PVC (products/composite materials)	It is recommended to use 0.5-1.5% as a metal mold release agent for PVC processing.	high viscosity Excellent heat resistance and thermal stability High hardness Excellent chemical resistance Good compatibility with other waxes Good lubrication performance Excellent pigment wettability Excellent dispersion performance
Waterborne lotion	It is recommended to add 5~50% acid value of about 16, which is easy to emulsify into wax lotion.	
Solvent based coating	It is recommended to use 1-3% to improve wetting rheology and surface properties.	
textile	It is recommended to use a 5-8% method to help improve the sewability and fabric cutting performance, thereby helping to extend the service life of the cutting machine.	
Other fields	Suggestions based on specific requirements	

### 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 product



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