

## Technical Data Sheet PE WAX NV-207P

### Product Description:

The modulated wax NV-207P is applied to refined high-density polyethylene cracking wax in the mid to high-end field. It has high whiteness, high melting point, excellent thermal stability, excellent dispersibility and wettability, and excellent lubrication performance; Hardness, tensile strength, and creep resistance are superior to low-density polyethylene, with good wear resistance, electrical insulation, toughness, and cold resistance. Good chemical stability, insoluble in any organic solvent at room temperature, resistant to acid, alkali and various salts.

### technical parameter

quality index	appearance	Particle size (20mesh) %	viscosity (CPS@140°C)	density g/cm <sup>3</sup>	Shore hardness ShoreA	softening point °C	Thermal weightlessness (@200°C/2H) %
quality requirement	White powder	99	1000±50	0.96	97	130±3	1

### Application Description

Application scope	Application suggestions	Product characteristics
Hot melt adhesive/adhesive	It is recommended to reduce viscosity by 20-30% and adjust polyolefins The setting time of EVA matrix.	Uniform molecular weight distribution and high softening point 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
PVC (products/composite materials)	Suggest 0.5-1.5% as a metal mold release agent for PVC processing	
Color masterbatch	Suggest using 5-30% to improve the pigment in polyolefin matrix Dispersion "	
Thermoplastic road marking paint	To reduce the viscosity of hydrocarbon resin base, it is recommended to use 1-3%	
Plastic additives	It is recommended to use a 5-8% method to improve the performance of fillers Dispersion in polyolefin matrix "	
Waterproof roll material	Suggest adding 4-6% to improve the surface smoothness and hardness of the coating film	
Rubber products	Recommend 2-10% to improve processing performance and additive dispersion.	
Cable filling composite material	Suggest 5-10% to improve the performance of the moisture-proof layer.	
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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