

Technical Data Sheet PE WAX NV-508P/F

Product Description:

Modulated wax NV-508P/F is a low-density refined synthetic wax used in mid to high-end applications. It has advantages such as high whiteness, low melting point, good dispersibility, high lubrication efficiency, and good thermal stability, with a molecular weight of around 1500 to 2000. Applied to the extrusion, injection, rolling, film blowing, blow molding, and polishing of various plastics. It can increase the extrusion rate of the product to maintain its luster.

technical parameter

| quality index | appearance | Particle size (20mesh) % | viscosity (CPS@140°C) | density g/cm ³ | Shore hardness ShoreA | softening point °C | Thermal weightlessness (@200°C/2H) % |
|---------------------|----------------------|--------------------------|-----------------------|---------------------------|-----------------------|--------------------|--------------------------------------|
| quality requirement | White powder /tablet | 99 | 20 | 0.91 | 85 | 105± 3 | 8 |

Application Description

| Application scope | Application suggestions | Product characteristics |
|------------------------------------|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hot melt adhesive /adhesive | It is recommended to reduce viscosity by 20-30% and adjust the setting time of polyolefin and EVA matrices. | Low 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) | It is recommended to use 0.5-1.5% as a metal mold release agent for PVC processing. | |
| Color masterbatch | Suggest using 5-30% to improve the dispersion of pigments in polyolefin matrices | |
| Plastic additives | It is recommended to use a 5-8% method to improve the dispersion of fillers in polyolefin matrices | |
| 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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