

Technical Data Sheet PE WAX NV-520P/F

Product Description:

Modulated wax NV-520P / F is a low-density refined synthetic wax used for mid-to high-end applications. It has the advantages of high whiteness, low melting point, good dispersion, high lubrication efficiency and good thermal stability, and its molecular weight is about 2000-2500. Applied to the extrusion of various plastics, PVC stabilizers and PVC products. Can improve the rate of product extrusion to keep the product shiny, can standard SCG0020P and 0040P

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	30 ± 5	0.91	90	110 ± 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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