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PEW-0235

Micronized Wax

Chemical Composition

Micronized blend of amide and polyethylene wax

Technical Parameters

Nature of the Product	PEW-0235	
Appearance	White Powder	
Particle Size μm		
	Dv50	6-7
	Dv90	12
Melting Point $^{\circ}\text{C}$	135	

Characteristics and Purposes

- PEW-0235 with uniform particle size, easy to disperse, and has good transparency which is very suitable for wood coatings. It also has good anti-fingerprint performance, and good fingerprint residual effect. Work together with silica matting powder in 2K PU wood coating, can provide the coating with very soft hand-feeling, lasting matting effect, and very good abrasion resistance. It also has a synergistic anti-settling effect, to prevent the settling of the silica matting powder. When work with the matting powder, the general ratio of micronized polyethylene wax and silica's is around 1:1 to 1:4.
- With very good grindability and smoothness, provide the matting, slippery, hardening, abrasion and scratch resistance effects when be

used to powder coating.

- With very good hardness, and high melting point, it can provide excellent anti-scratch and anti-stick effects in different kinds of systems.

Addition level and Processing instructions

- In a variety of systems, the addition amount of micronized wax is generally between 0.5 to 3%.
- Usually by way of a direct high-speed stirring, it can disperse in solvent-based coatings and inks.
- It can be added by using a variety of grinding machines, and high-shear dispersing device. Must pay attention to the control of temperature.
- Can make a wax pulp with the wax concentration at 20-30% by pre-dispersing treatment, add it into the systems when needed, by which can reduce the dispersion time.

Packaging and Storage

- Paper-plastic bag, net weight: 20 kg / bag.
- This product is non-dangerous goods. Please store it away from ignition sources and strong oxidants.