

Technical Data Sheet

Wax Micro Dispersion PE-2045A

■ Product Characteristics

This HDPE wax water microdispersion has very low emulsifier content, fast drying, hard, good slipperiness, little effect on the gloss of the coating, and it can effectively improve the surface protection performance and after-tack resistance of water-based coatings.

■ Application

Application	Function
Print ink, varnish	Abrasion and block resistance
Leather finish	Hand feel, scratch resistance
Water-based wood paint, Water-based plastic paint Water-based industrial coatings Architectural coatings	Scratch resistance, block resistance, hand feel
Seed coating agent	Improved flowability, surface protection

■ Typical Physicochemical Data

Appearance	White liquid
Wax Type	HDPE wax
Emulsion System	Nonionic
Melting Point (°C)	120
Solids (%)	44.0-46.0
Mean Particle Size (μm)	D50 0.5
PH	8.1-10.1

■ Storage and transportation

The product is sensitive to temperature and needs to be stored and transported between 5°C-35°C. It should be filtered before use. It is recommended to place it in a closed and cool place and pay attention to anti-freezing.

■ Adding method and processing instruction

It is recommended that wax additives be added at the last stage of the water-based coating processing, added slowly, and stirred while adding.

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