

H-2147A Water-based PP Wax Emulsion

Description:

H-2147A is a water-based polypropylene (PP) wax emulsion specifically formulated to enhance the performance of water-based coatings and inks. This product is designed to increase the friction coefficient, provide excellent wear resistance, and offer a superior anti-slip effect. Its compatibility with a wide range of formulations ensures minimal impact on gloss, making it an ideal choice for applications requiring both durability and enhanced surface texture.

The need for H-2147A stems from the growing demand for environmentally friendly water-based systems that do not compromise on performance. This product is essential for ensuring that water-based coatings and inks used in packaging maintain high standards of safety and usability, particularly in applications where anti-slip properties are critical.

Features:

- Increases Friction Coefficient
- Excellent Wear Resistance
- Good Compatibility
- Superior Anti-Slip Effect

Technical Data

- Appearance: White liquid
- Active Content: 50%
- Density: 0.95-1.05 g/cm³
- Particle Size: 1-2µm
- pH: 8-9

Typical Applications

H-2147A is recommended for use in water-based varnishes, inks, and topcoats applied to corrugated cardboard boxes such as beer crates, instant noodle boxes, and food packaging. It is also well-suited for use on PE, PP, and ABS boxes, where it enhances anti-slip properties and wear resistance, ensuring that the packaging remains safe and effective during transport and handling.

Usage

This product can be added at any stage of the formulation process and should be evenly dispersed after addition.

Recommended Dosage

The recommended dosage of the product (based on the total formulation) is 2.0-5.0%. Please select the optimal dosage based on different actual needs.



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Packaging and Storage

50kg plastic drums. Should be stored in a dry and cool place. The shelf life of this product is 12 months, after which it should be tested before use.

Regulatory Compliance

All components comply with the regulations listed in the U.S. TSCA and European EINECS, are safe and environmentally friendly, and meet the latest EU environmental regulations. For more information, please contact us.

The above information is provided based on current knowledge of the product and serves as an introduction and usage suggestion for our product. It should not be interpreted as a guarantee of specific characteristics for particular applications. Therefore, we assume no responsibility for this introduction and suggestions, and they do not replace the necessary evaluations and tests users should conduct before using the product.