



HW-80

Fluorine modified wax leveling agent



Overview

HW-80 is an organic fluorine-modified wax leveling agent, suitable for most solvent-based and solvent-free systems. It provides leveling, slip enhancement, scratch, and abrasion resistance, prevents pigment and filler sedimentation and hardening, and aids in the alignment of matting agents, aluminum powder, and pearlescent pigments.

Physicochemical Properties

Appearance	Milky white wax paste	Composition	Fluorine-modified organic wax
Active Ingredient	50.0 ± 2.0 %	Solvent	Ethylene glycol diacetate/ Isoparaffinic eco-friendly Solvent
Density	0.88 g/ml		

Properties and Advantages

This specialized fluorine and organic wax graft product delivers wetting, leveling, and slip enhancement through the low surface tension properties of fluorine. Additionally, the organic wax enhances tactile feel, scratch and abrasion resistance, anti-sedimentation, and alignment properties.

- Enhances hardness, scratch resistance, abrasion resistance, and tactile feel
- Contains hydroxyl groups, increasing surface crosslink density and improving the physical and chemical properties of the coating film
- Excellent leveling properties, especially suitable for industrial line coating processes
- Helps align aluminum powder and pearlescent pigments, preventing pigment and filler sedimentation and hardening
- Reduces surface tension without affecting recoatability

Dosage

0.1-0.5% of the total amount

Application

Solvent-based coatings

Precaution Storage

& Store at 0-40 °C in a cool, well-ventilated area. Keep the container tightly closed and away from heat and open flames.

Safety

Refer to MSDS

Packaging

25 KG/Barrel

