

## Polyamide wax powder

### F870

#### Characteristics and Benefits:

F870 is a powder-based thixotropic agent based on specially modified polyamide wax, particularly suitable for medium and low polar solvent systems. When using it, it should be fully dispersed in organic solvents first, and then activated at a certain temperature and within a certain period of time to form a thixotropic paste. This product is applied in solvent-based coating systems, effectively establishing thixotropic viscosity in the system and providing better anti-sagging and anti-falling effects. During storage, there are no adverse conditions such as re-coagulation or particle formation. In addition, it promotes the orientation and coordination of metal pigments (gold powder, silver powder, aluminum powder, etc.).

1. Excellent thixotropic properties, anti-sagging and anti-settling performance.
2. 100% active polyamide wax powder, suitable for medium and low polar solvent systems;
3. No re-coagulation or particle formation during coating storage.
4. Does not affect the gloss and weather resistance of the coating film.
5. Easy to disperse, can be added after pre-gelation of the gel liquid.

#### Product Specifications:

Appearance	White powder
Composition	Special polyamide wax
Effective active substance	100%
Particle size (μm)	Max.15
Melting point (°C)	135-140
Acid value (mgKOH/g)	Max.5

The color of the powder varies slightly depending on the batch of raw materials. It ranges from white to light yellow, but it has no impact on the quality of the product.

#### Application fields:

The polyamide wax paste made from F870 polyamide wax powder is suitable for various industrial and civilian solvent-based paint coatings, such as acrylic resins, unsaturated polyester paints, chlorinated rubber paints, epoxy resin paints, vinyl resin paints, amino resin paints, and other industrial two-component baking paints, etc.

**Recommended dosage:**

0.5 - 3.0% of the total weight of the system

**Usage method:**

F870 can be added at any stage of production. The main method is indirect addition, that is, adding after pulping. The F870 polyamide wax powder can be made into wax paste and used after activation.

**Packaging:**

15kg kraft paper bags.