PA 919
Polyamide wax powder

Overview

PA-919 is a new generation micronized polyamide wax rheological additive, free of hydrogenated castor oil. It is primarily used in various solvent-based coatings, offering excellent thixotropy, superior anti-settling and anti-sagging properties, easy dispersion, and resistance to high processing temperatures without affecting recoating.

Physicochemical Properties

Appearance	White powder	**Composition**	Pure polyamide wax
Solid Content	≥99.0 %	**Solvent**	无
Density	0.98 g/cm3	**Melting Point**	135℃
Average Particle Size	9 um	**Maximum Particle Size**	20 um

Characteristics and Advantages

- 100% active content;
- Easy to disperse;
- Provides excellent thixotropy;
- Superior anti-settling and anti-sagging properties;
- Can withstand high processing temperatures;
- Offers good flow and leveling properties
- Good recoating performance;
- Excellent thermal stability

Dosage

0.2-2% of the total volume.

It is recommended to use high shear force for dispersion, generally adding it during the pigment dispersion stage along with the resin. Maintaining the temperature at 50-80 ℃ allows PA-919 to fully activate, forming a fibrous, interacting three-dimensional network structure. The optimal temperature range is 70-80 ℃, and even after reaching the activation temperature, high-speed dispersion should continue for 20-30 minutes.

Application

Various solvent-based coatings

Precautions& Storage

Keep the packaging sealed, stored in a dry environment at temperatures between 5-30 ℃, avoiding direct sunlight or freezing conditions.

Safety

Refer to MSDS

Packaging

15 KG/Bag

Revision date: 2024.01.02
Version: 6409 V1 2024