

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°C
Average	9 um	Maximum	20 um
Particle Size		Particle Size	

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 threedimensional network structure. The optimal temperature range is 70-80 °C, and even after reaching the activation temperature, high-speed dispersion should continue for 20-30 minutes.

Application

Various solvent-based coatings

Precautions&

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

Storage

Safety

Refer to MSDS

Packaging

15 KG/Bag

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For further detailed information, please contact our company directly.

The information provided is compiled based on our current knowledge and is intended for reference only. No guarantees are made. We reserve the right to WWW.new-techem.com modify product parameters within the scope of process advancements or product development. Due to the wide range of processing conditions and raw material combinations beyond our control, users are advised to conduct suitability tests before production.

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