EWA
Waterborne rheological agent

Overview

EWA is a modified polyamide wax rheology control agent suitable for use in water-soluble, water-dispersible, and emulsion systems. It offers efficient thickening, anti-settling, and anti-sagging properties, and assists in the orientation of metallic pigments.

Physicochemical Properties

Appearance	Yellow-brown to brown paste	**Composition**	Polyamide wax
Active Content	20.0 ±1.0%	**Solvent**	Water/propylene glycol methyl ether
Density	Approx. 0.99 g/ml	**Acid Value**	10-18 mg KOH/g

Properties and Advantages

- 3-D network thixotropic structure.
- Excellent thickening and thixotropic properties.
- High-efficiency anti-sagging performance.
- Effectively prevents pigment settling and hard caking.
- Assists in the orientation of metallic and pearlescent pigments.
- Low sensitivity to co-solvents.
- Good water resistance.

Dosage

1. 0.5 - 3.0% by weight.

2. Direct addition: Disperse at high speed (2500-3000 rpm) or by sand milling.

3. Pre-gel preparation: Mix EWA:BCS = 18:5:77, stir at 300 rpm for 20 minutes, and use the pre-gel.

Dispersion temperature should be below 40 ℃. If the ambient temperature is low, disperse with heating at 35-40 ℃.

Application

Waterborne automotive coatings

Waterborne industrial coatings

Waterborne anticorrosive paints

Waterborne wood coatings

	Water-based inks
Precautions &Storage	Store away from high heat and fire sources, in a cool, ventilated place. Keep the container tightly sealed. Recommended storage temperature is below 40 ℃.
Safety	Refer to MSDS
Packaging	18 KG/Barrel