

EWW

Rheological anti-settling agent

Overview

EWW is a specialized high-density, activated polyethylene-based waterborne rheology and anti-settling agent, primarily suitable for various water-based inks and coatings. It offers ease of handling, easy dispersion, anti-sagging properties, and aids in the positioning of matting powders and aluminum pastes, with minimal impact on leveling and gloss.

Physicochemical Properties

Appearance	Translucent yellow liquid	Composition	Anionically modified polyethylene wax
Solid Content	35.0±2.0 %	Solvent	Water
Density	0.98 g/ml	pH Value	8.5-10.5

Characteristics & Advantages

Specially micronized polyethylene wax derivative with excellent heat resistance and anti-yellowing properties. Its narrow particle size distribution makes it easier to disperse and activate, providing superior anti-settling properties and soft sedimentation.

- Easily dispersible at high speeds at room temperature, storage-stable, and resistant to agglomeration.
- Suitable for both carrier-free and carrier-based systems.
- Aids in the orientation of aluminum flakes and metallic pigments.
- Excellent heat resistance and anti-yellowing properties.
- Directly added for use.
- Soluble in cold water.

Dosage

- Carrier-free systems: 5-10% of the total formulation.
- Carrier-based systems: 1-3% of the total formulation.

Application

Water-based inks, water-based color pastes, water-based industrial coatings, water-based wood coatings, water-based metallic coatings, etc.

Precautions & Storage

- Store at 5-30 $^{\circ}$ C in a cool, ventilated place. Keep containers tightly sealed and away from heat and ignition sources.
- If not fully used after opening, reseal completely to prevent moisture ingress.

Safety

Refer to MSDS

Packaging

25 KG/Barrel

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www.new-techem.com

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 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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