



307

Wetting dispersant



Overview

307 is an acrylic polymer synthetic copolymer primarily used in solvent-based coatings and ink systems for pigment wetting, dispersion, and viscosity reduction. It enhances dispersibility, color development, hiding power, and gloss.

Physicochemical Properties

Appearance	Yellow-brown Liquid	Composition	High molecular Weight Acrylic Copolymer
Solid Content	50.0±2.0 %	Solvent	Ethylene glycol diacetate/ Isoparaffinic Solvent
Density	0.92 g/ml		

Characteristics and Advantages

- Effectively wets pigments and fillers, significantly reduces viscosity, and enhances grinding fluidity.
- Helps prevent color separation and floating.
- Improves color development, gloss, and hiding power.
- Prevents pigment re-agglomeration and enhances storage stability.

Dosage

Usage before grinding:

- For inorganic pigments: 1-5%
- For organic pigments: 5-20%

Application

Suitable for systems such as coatings, inks, and colorants. Particularly effective for grinding colorant systems with 65%-70% high solid content titanium dioxide.

Precautions & Storage

Storage conditions: 0-40 °C, in a cool, well-ventilated area. Keep the container tightly closed, away from heat and sources of ignition.

Safety

Refer to MSDS

Packaging

25 KG/barrel