



D-985

Polymer dispersant



Overview

D-985 is a high molecular weight dispersant suitable for solvent-based coatings, inks, and highly concentrated pigment dispersions. It effectively reduces dispersion viscosity, enhances pigment gloss, color intensity, and storage stability.

Physicochemical Properties

Appearance	Light yellow transparent liquid	Composition	High molecular weight synthetic copolymer
Solid Content	100.0 %	Solvent	None
Density	0.95 g/ml	Amine value	70 mg KOH/g

Characteristics and Advantages

- Solvent-free product suitable for high solid content and systems free of aromatic solvents.
- Exhibits excellent wetting and dispersing properties for both inorganic/organic pigments and carbon black, with significant viscosity reduction.
- Provides good storage stability by sterically hindering pigment flocculation.;
- Enhances pigment gloss, color intensity, and coverage.
- Prevents floating and flowering phenomena.

Dosage

Before grinding, add:

- Titanium dioxide: 1-3%
- Inorganic pigments: 2-5%
- Organic pigments: 5-7%
- Carbon black: 8-10%

Application

Suitable for solvent-based systems, architectural coatings, industrial coatings, leather coatings, and printing inks.

Precautions & Storage

Store between 0-40 °C in a cool, well-ventilated area. Keep containers tightly sealed and away from heat and sources of ignition. If clarity is affected at temperatures below 5 °C, heat and stir until clear before use.

Safety

Refer to MSDS

Packaging

16 KG/barrel