

D-881

Polymer dispersant

Overview

D-881 is a high molecular weight dispersant primarily designed for solvent-based medium to low polarity resin systems, targeting the dispersion of medium to high pigment carbon black and organic pigments.

Physicochemical Properties

Appearance	Yellow-brown liquid	Composition	High molecular weight synthetic copolymer
Solid Content	50.0±2.0 %	Solvent	BAC
Density	0.83 g/ml		

Characteristics and Advantages

D-881 provides adsorption of positive and negative charges on different surfaces of pigments, thereby preventing possible agglomeration and reducing the viscosity of pigment slurries while increasing pigment content.

- D-881 is a high molecular weight synthetic copolymer with excellent viscosity reduction properties, suitable for grinding organic pigment slurries.
- Provides adsorption of positive and negative charges on surfaces with different charges, preventing agglomeration.
- Exhibits good dispersion and anti-settling properties, enhancing stability against pigment agglomeration during storage.;
- Non-fatty acid type does not migrate freely and does not affect adhesion or water resistance.
- Enhances color development, opacity, and gloss.

Before grinding, add:

For inorganic pigments: 3-8% For organic pigments: 10-50%

For carbon black: 20-80%

Application

Dosage

Suitable for medium to low polarity solvent-based pigment systems.

Precautions &Storage

Store in a cool, well-ventilated place. Keep containers tightly closed and away from heat and ignition sources. Storage temperature: 0-40 °C. If temperature drops below 5 °C, appearance may become cloudy or separate. Heat to clearly state, stir thoroughly before use.

Safety

Refer to MSDS

Packaging

25 KG/barrel 950 KG/Ton Tank

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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 modify prod WWW.new-techem.com 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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