



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.

Dosage

Before grinding, add:

- For inorganic pigments: 3-8%
- For organic pigments: 10-50%
- For carbon black: 20-80%

Application

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