



NTA-1104

Color dispersant



Overview

NTA-1104 is a wetting and dispersing agent primarily used in PU dry systems and color pastes. It enhances pigment dispersion, addressing issues such as floatation and color separation.

Physicochemical Properties

Appearance	Yellow-brown liquid	Composition	High Molecular Weight Carboxylic Acid and Siloxane Copolymer
Non-volatile Content	50.0 ±3.0%	Solvent	XYL/DIBK
Density	0.94 g/ml	Acid Value	150 mg KOH/g

Characteristics and Advantages

- Reduces interfacial tension by adsorbing onto the pigment surface through polar groups.
- Due to its multifunctional structure, NTA-1104 achieves controlled flocculation of pigments and base materials, enhancing pigment float resistance and bloom performance.;
- Increases wetting power for pigment dispersion.
- Prevents pinholes, improves gloss, and enhances the orientation of metallic pigments and matting agents.

Dosage

For inorganic pigments: 0.3-0.6%

For organic pigments: 1.0-5.0%

For preventing floatation and bloom: 0.3-0.8% of the total formulation.

Application

PU leather, PVC leather, coatings, footwear materials, inks, fabric processing.

Precautions &Storage

Store between 0-40 °C in a cool, ventilated place.

Keep the container tightly sealed and away from heat and fire sources.

Safety

Refer to MSDS

Packaging

25 KG/barrel