



NTA-1112

Hyperdispersant



Overview

NTA-1112 is an ultra-dispersing and color-enhancing agent used in resins and color pastes to improve pigment dispersion, color development, and prevent pigment flocculation.

Physicochemical Properties

Appearance	Yellow-brown liquid	Composition	High Molecular Weight Synthetic Copolymer
Specific Gravity	0.90 g/ml	Active Ingredient	50.0 ±2.0 %
		Solvent	BAC

Characteristics and Advantages

A-B-A & B-A-B Block Copolymer Ultra-Dispersing Agent

Features a specialized function for expelling water and moisture from the pigment surface.

Effectively prevents organic pigment flocculation and coarse settling.

Increases grinding flowability, shortens grinding time, and enhances productivity, particularly suited for high specific surface area organic pigments and carbon blacks.

Significantly improves color strength, color development, transparency, opacity, and storage stability of organic pigments in resin systems.

Exhibits outstanding dispersion effects for pigments with high dispersion difficulty and high specific surface area.

Dosage

As a color enhancer: 0.1-0.8%

For organic pigments: 5.0-20.0%

Application

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

Precautions & Storage

- Crystallization may occur at low temperatures; warming in a water bath is required for use.
- Store between 0-40 °C in a cool, ventilated place. Keep the container tightly sealed and away from heat and fire sources.

Safety Packaging

Refer to MSDS

25 KG/barrel

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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 product 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.