

NTA-608

Reactive anti-stick levelling agent

Overview

NTA-608 is a reactive resin modifier additive, primarily designed for use in water-based and solvent-based systems. It enhances leveling, antisticking properties, breathability, moisture permeability, flexibility, hydrolytic resistance, and abrasion resistance.

Physicochemical Properties

	Appearance	Milky to slightly yellow liquid	Composition	Modified Polysiloxane
	Density	1.03 g/ml	Solid Content	≥98.0 %
			Solvent	None

Properties Advantages

and Containing block copolymer hydroxyl segments, capable of participating in resin reactions to form a network structure with PU resin, imparting durable properties to the resin.

Versatile in water and oil applications, with excellent compatibility.

Anti-sticking, softening, and enhancing wear resistance of products.;

The mesh structure provides resin with breathability and moisture permeability.

It can effectively increase the hydrolysis resistance of the resin and improve the myogenic properties of wet base.

Enhances resin flow and leveling.

Can also be used as a release agent and hand feeling agent.

Dosage

- 1. Resin modification: Added before reaction, dosage typically 3-10% PHR (parts per hundred resin), calculated based on OH ratio of 1:1.
- 2. For leveling, anti-blocking, and release assistance: Usage level typically 0.1-0.3% of total formulation.
- 3. As a tactile enhancer: Usage level typically 0.3-3% of total formulation. Applications include dry/wet PU resins, PU synthetic leather, surface treatments, textiles, coatings, inks, water-based systems, etc.

May solidify at low temperatures; heat in a water bath before use.

Application

Precautions &Storage

Store between $0-40 \, \mathbb{C}$ in a cool, well-ventilated area, keep the container tightly sealed, and keep away from heat and sources of ignition.

Safety Packaging Refer to MSDS 25 KG/Barrel

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Revision date: 2024.01.02 Version: 4112 V1 2024