



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, anti-sticking 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 and Advantages

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.

Application

Applications include dry/wet PU resins, PU synthetic leather, surface treatments, textiles, coatings, inks, water-based systems, etc.

Precautions & Storage

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

Safety Packaging

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

Refer to MSDS
25 KG/Barrel