



NTA-4402

Wear-resistant feel agent



Overview

NTA-4402 is a high molecular weight polysiloxane with silane alcohol functionality, primarily designed for solvent-based systems. It features excellent wetting, leveling, anti-sticking, high abrasion resistance, scratch resistance, and a wax-like smooth feel.

Physicochemical Properties

Appearance	Milky White Liquid	Composition	Silane Alcohol Functionalized Polysiloxane
Density	1.03 g/ml	Solid Content	≥98.0 %
		Solvent	None

Characteristics and Advantages

A high molecular weight polysiloxane containing silane alcohol functionality can form a denser monolayer on the film surface and participate in resin reactions, providing long-lasting smoothness, abrasion resistance, scratch resistance, and anti-adhesive properties.



- Enhances leveling, smoothness, and improves wetting.**
- Excellent abrasion resistance and scratch resistance.**
- Prevents adhesion.**
- Provides a wax-like smooth feel.**
- Particularly suitable for automotive seat leather, sofa upholstery leather, and sports shoe leather.**

Dosage

0.05-3% of the total formulation, added during grinding, final dilution stages, or post-addition.

Application

Industries: Coatings, inks, leather coatings, synthetic leather, coatings, resin modification, etc. Compatible with resins such as acrylic, polyester, polyurethane, vinyl, polyamide, etc.

Precautions

Please dilute with solvent before use. May solidify at low temperatures; heat in a water bath to restore flowability.

Storage

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.

Safety

Refer to MSDS

Packaging

18 KG/Barrel