



NTA-4400

Wear-resistant feel agent



Overview

NTA-4400 is a high molecular weight polysiloxane with silane alcohol functionality, primarily designed for solvent-based systems. It features excellent wetting, leveling, anti-blocking, high abrasion resistance, scratch resistance, and a wax-like smooth feel.

Physicochemical Properties

Appearance	Milky White Paste	Composition	Polysiloxane containing silane alcohol functionality
Specific Gravity	1.03 g/ml	Solid Content	≥98.0 %
		Solvent	None

Properties and Advantages

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

Enhances leveling, smoothness, and wetting properties.

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

In coatings, inks, leather coatings, synthetic leather, coatings, resin modification, etc. Compatible with resins such as acrylic, alkyd, epoxy, phenolic, nitrocellulose, polyester, polyurethane, vinyl, polyamide, etc.

Precautions & Storage

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

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 Packaging

Refer to MSDS

18 KG/Barrel