



NTA-5100

Wear-resistant feel agent



Overview

NTA-5100 is a high molecular weight silicone agent with silanol functional groups, primarily used for enhancing abrasion resistance and providing a desirable tactile feel. It is suitable for water-based systems and medium to high polarity solvent systems containing polar solvents. It offers benefits such as wetting, leveling, anti-stick properties, scratch resistance, abrasion resistance, and a thick, slippery waxy feel.

Physicochemical Properties

Appearance	Translucent paste	Composition	High molecular weight silicone with silanol functional groups
Solid Content	约 80.0 %	Solvent	Water
Density	0.98 g/ml		

Properties and Advantages

- Excellent scratch and abrasion resistance
- Reduces friction coefficient, preventing stickiness
- Improves wetting and leveling properties
- Enhances water repellency
- Provides a thick, slippery waxy feel

Dosage

0.05-3.0% of the total amount

Application

Coatings, inks, resin synthesis, leather treatment agents

Precaution & Storage

Store unopened at 0-35 °C in a cool, well-ventilated area. Keep the container tightly closed and away from open flames and sparks.

During production, hydrogen gas may be generated under certain formulation conditions, so store in breathable containers. Ensure adequate ventilation in the workplace.

Safety

Refer to MSDS

Packaging

18 KG/Barrel