



253 Silicone defoamer



Overview

253 is an organically modified polysiloxane defoamer primarily used in solvent-based coatings and ink systems. It features rapid defoaming speed, strong foam suppression, and excellent compatibility.

Physicochemical Properties

Appearance	Transparent liquid	Composition	Organically Modified Polysiloxane
Density	0.86 g/ml	Solvent	Cyclohexanone/ Aromatic Hydrocarbons

Characteristics and Advantages

Medium-High Molecular Weight Organically Modified Polysiloxane, used for defoaming, de-aerating, and foam breaking through low surface tension, HLB value, limited compatibility, and rapid diffusivity.

- Excellent compatibility, suitable for various topcoats and varnishes.
- Exceptional defoaming performance for carbon dioxide bubbles produced in 2K-PU systems.
- Can eliminate film defects such as fisheyes, pinholes, and craters.
- Effectively suppresses bubbles generated during paint production stirring.
- Suitable for brushing, spraying, rolling, and curtain coating application methods.

Dosage

Usage: 0.1-0.5% of the total amount

Application

Solvent-based coating systems.

Precautions & Storage

Store at 0-40 °C, in a cool, ventilated place, with the container tightly closed, away from heat and fire sources.

Safety

Refer to MSDS

Packaging

25 KG/barrel