



F-16

Silicone leveling agent



Overview

F-16 is a low-molecular-weight polyether-modified siloxane, primarily suitable for use in various solvent-based topcoat systems. It offers excellent compatibility, rapid leveling properties, and low foam stability.

Physicochemical Properties

Appearance	Clear, slightly yellow liquid	Composition	Polyether-modified Polysiloxane
Active Ingredient	25.0±2.0 %	Solvent	Isoparaffinic eco-friendly Solvent
Density	0.90 g/ml		

Properties and Advantages

Excellent compatibility, strong wetting power, low foam stability; not suitable for recoating systems baked above 150 °C.

- Increases coating flow and substrate wetting.
- Controls orange peel texture, forming a smooth, flat surface.
- Effectively improves coating defects such as craters, edge pulling, fish eyes, orange peel, picture framing, and brush marks.
- Enhances gloss and promotes the alignment of aluminum paste, pearlescent pigments, and matting agents.
- Compatible with various systems, helping to solve issues like color separation and floating.
- Low foam stability makes F-16 more suitable for PU systems

Dosage

Usage: 0.1-0.5% of the total formulation.

Application

Suitable for solvent-based coatings.

Precautions & Storage

High-temperature resistance should be tested beforehand.

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

25 KG/Barrel