



F-78

Fluorine-modified acrylate leveling agent



Overview

F-78 is an eco-friendly organic fluorine-modified acrylate leveling and tactile agent, primarily suitable for various solvent-based and solvent-free systems. It significantly reduces surface tension, enhances substrate wetting, improves leveling and flow, prevents cratering, controls foaming and defoaming, and provides a pleasant tactile feel. It is also recoatable.

Physicochemical Properties

Appearance	Transparent, slightly yellow liquid	Composition	Fluorine-modified polyacrylate
Solid Content	50.0 ± 2.0 %	Solvent	Isoparaffinic eco-friendly Solvent
Density	0.98 g/ml		

Properties and Advantages

The eco-friendly fluorine elements in the acrylate molecular chain provide extremely low surface tension and wetting properties, while the acrylate copolymer offers excellent rapid leveling, foam suppression, defoaming, and tactile properties.

- Eco-friendly and highly compatible, suitable for various solvent-based and solvent-free systems.
- Effectively improves leveling and substrate wetting.
- Prevents and eliminates surface defects such as pinholes, fisheyes, cratering, and brush marks.
- Excellent heat resistance, withstands temperatures above 210 °C.
- Recoatable without affecting interlayer adhesion.

Dosage Application

0.1-2% of the total amount

Solvent-based coatings

Precaution Storage

& Store at 0-40 °C in a cool, well-ventilated area. Keep the container tightly closed and away from heat and open flames.

Safety

Refer to MSDS

Packaging

25 KG/Barrel