



F-12W

Wetting and leveling agent

Overview F-12W is a polyether-modified siloxane suitable for use in solvent-based and aqueous coatings and inks. It significantly reduces surface tension and enhances substrate wetting, improving leveling, and aiding in defoaming.

Physicochemical Properties	Appearance	Transparent, slightly yellow liquid	Composition	Polyether-modified polysiloxane
	Active Content	50.0 ± 3.0 %	Solvent	DPM
	Density	1.00 g/ml		

Note: During the measurement of active content, the value may differ from the active substance due to the evaporation of low molecular weight polyethers under heat. Please refer to the actual test value.

- Characteristics & Advantages**
- Compatible with both aqueous and solvent-based systems
 - Strongly reduces surface tension, enhancing substrate wetting
 - Eliminates defects like pinholes, craters, and orange peel, improving leveling
 - Aids in defoaming
 - Does not affect recoatability
 - Does not increase surface slipperiness

Dosage 0.1-1% of the total formulation

Application Solvent-based and aqueous coatings, inks, and UV-curable systems.

Precautions & Storage 0-40 °C; store in a cool, ventilated place; keep containers tightly sealed and away from heat and flames.

Safety Refer to MSDS

Packaging 25 KG/Barrel