

Silicone Defoamer — INVINO 437

Polyether-modified Polysiloxane Emulsion

Overview

INVINO 437 is a polyether-modified polysiloxane emulsion containing fumed silica. It offers a very high defoaming speed, foam-suppression properties, and good compatibility. Recommended for printing inks; application methods include dip coating, flow coating, curtain coating, and airless spraying.

Product Characteristics

Type: Polyether-modified polysiloxane emulsion, containing fumed silica

Application Systems and Dosage

- Stir gently (low shear) before use
- The long-term efficacy of the defoamer depends on the system and should be tested in different formulations (testing at different temperatures is recommended)
- Dosage based on total formulation as supplied: 0.1–1.0%

Dilution

- Can be diluted with water
- Stability of diluted solution is limited
- Do not dilute the emulsion with organic solvents as it will affect stability

Physical and Chemical Properties

Property	Reference Value
Appearance	White, thixotropic liquid
Non-volatile content	ca. 24%
Solvent	Water

Packaging

- 30 KG/drum
- 200 KG/drum
- 1000 KG tank

Storage Stability

When stored in the original unopened container at +4 to +40°C, the product has a shelf life of at least 12 months from the date of manufacture.

Our technical suggestions are based on data from many experiments and cannot represent a warranty of any kind as to their performance in other formulations. Customers must always verify our product's performance in their own systems. This technical data sheet replaces all previous issues.

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