

# Defoamer — INVINO 481

Mixture of Polyether, Mineral Oil and Non-ionic Surfactant

## Overview

INVINO 481 is a mixture of polyether, mineral oil, and non-ionic surfactant. It can be used as a foam control agent in coatings, inks, leather, and emulsion polymerization processes. It delivers excellent performance across a wide range of systems including acrylic, styrene-acrylic, polyurethane, and PVA formulations.

## Key Features

- Extremely strong foam-breaking capability; effectively resolves difficult defoaming problems; eliminates air bubbles introduced during mixing and during circulation on press
- Multiple defoaming mechanisms; excellent compatibility and foam control performance
- Does not affect intercoat adhesion; also suitable for primer defoaming

## Application Systems and Dosage

Recommended for various resin systems including pure acrylic, styrene-acrylic, and polyurethane formulations. Highly stable and efficient when added before high-speed dispersion; also very stable and effective when added at the let-down stage.

- Recommended dosage: 0.1–0.3% based on total formulation weight; please test for optimum addition level
- Best results when used immediately or diluted with water before use

## Physical and Chemical Properties

| Property         | Reference Value          |
|------------------|--------------------------|
| Specific Gravity | 0.89 g/ml                |
| Appearance       | Pale yellow liquid       |
| Active content   | 100%                     |
| Water Solubility | Readily soluble in water |

## Packaging and Storage

- 25 KG, 60 KG, or 180 KG per drum
- Store at 5–40°C; shelf life 24 months from date of manufacture; avoid direct sunlight

*Note: This technical data sheet is intended to provide basic product information to technicians in coatings, inks, and related fields, for R&D reference only. It does not constitute any warranty. Please pre-test for suitability.*

*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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