



## Technical Data Sheet

**Product Name: High Efficiency Polyurethane Defoamer YRXP-07**

### Typical Properties:

Appearance	Milky white translucent liquid
Density (g/cm <sup>3</sup> , 25°C)	1.018
Viscosity (mPa.s, 25°C)	1026±300
Note	Environmentally friendly without solvent and other restricted substances

### Features & Advantage:

YRXP-07 is a universal high-efficiency defoamer. It has the features and advantages as below:

- **Excellent foam inhibition effect.** It can inhibit the generation of bubbles caused by dynamic factors such as stirring and impact, and reduce bubbles caused by stirring and impact.
- **Excellent foam breaking effect.** It has strong bubble breaking function for the generated bubbles, and can quickly eliminate micro bubbles and large bubbles under various viscosity systems.
- **Low dosage.** Based on its excellent and efficient performance, in most systems, its addition is significantly less than that of other types of defoamers.
- **Environmental protection and safety.** It can be used for product applications in contact with food.

### Applications:

YRXP-07 is a general-purpose high-efficiency defoamer, which is generally used in non-aqueous solvents and solvent-free systems, filled and non filled systems, and is suitable for foam inhibition and defoaming in the field of polyurethane, epoxy, acrylic acid and other products.

- It is recommended to be used in polyurethane elastomers, coatings, adhesives, sealants, etc with remarkable results.
- Adding YRXP-07 can reduce the transparency of the system, and it is not recommended to apply it to high transparency products.

### User's Guide:

- Due to different raw materials, viscosity and other parameters, the general addition amount is 0.1%-0.3%, and the best amount should be determined after small-scale tests.
- It is recommended to shake and disperse the product evenly before use. It can be used it diluting with diluent;
- In order to obtain better defoaming effect, it should be ensured that the added YRXP-07 has been fully and evenly dispersed in the system.
- After unsealing, it needs to be sealed and stored after use.

### Handling & Storage:

Product should be stored in a cool, dry environment away from sunlight, excessive heat and rain.

**Package:** 25kg/200kg in HDPE drum

**Shelf Life:** The unopened shelf life is 24 months from the date of manufacture.

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