



Technical Data Sheet

Product Name: High Efficiency Polyurethane Defoamer YRXP-07B

Characteristic:

Appearance	Milk white translucent liquid
Density (g/cm ³ , 25°C)	1.015
Viscosity (mPa.s, 25°C)	790 ± 300
Odor:	with slight odor

Unique Performance:

YRXP-07B is a general-purposed high-efficiency defoamer for non aqueous system. 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.
- **It does not affect the interlayer adhesion and recoating ability, etc.**

Applications:

YRXP-07B 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 for use in fillers containing systems, including polyurethane playground materials, flooring materials, coatings, adhesives, and other fields, with significant effects..
- Adding YRXP-07B 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.
- In order to obtain better defoaming effect, it should be ensured that the added YRXP-07B has been fully and evenly dispersed in the system.
- It needs to be sealed and stored after use.

Package & Storage:

25kg/200kg in HDPE drum

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

Shelf Life: The unopened shelf life is 18 months from the date of manufacture.

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