



安徽艾约塔硅油有限公司

Iota Silicone Oil(Anhui) Co.,Ltd.

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## Defoamer XPJ-1001 for pulping

### 1. Typical characteristics

Appearance white emulsion

Ionic nonionic

Solid content (5-30%)

Density  $1.0 \pm 0.1$  (25 °C)

Viscosity 100-800 (MPAs. 25 °C)

No stratification and precipitation in stability (3000rpm / 15min)

PH 7-9

Shelf life 6 months

### 2. Product introduction

Xpj-100 series organosilicon defoamer is made up of modified polysiloxane as the main material and other special auxiliaries. It is characterized by high temperature and strong alkali resistance, rapid defoaming under high temperature and strong alkali conditions, and lasting foam suppression. Compared with ordinary organosilicon defoamer, xpj-100 series organosilicon defoamer has much longer foam suppression time, so its dosage is reduced, which can be used in chemical cleaning under high temperature and high alkalinity conditions. Chemical reaction, such as high temperature strong alkali cooking and washing process in paper industry and strong alkali refining agent in textile printing and dyeing industry, has better defoaming and antifoaming performance. Due to the excellent defoaming performance, black liquor is completely removed on paper vacuum drum, so when the amount of washing water is reduced, the amount of bleaching agent is also reduced. Due to the good thermal stability, it will not be affected by Decompose contaminated equipment when heated.

### 3, use

Elimination of foam in high temperature vacuum washer for chemical pulping

Defoaming and antifoaming in chemical and physical processes of other aqueous high temperature strong bases

### 4. Usage

In pulp washing, it can be diluted with water for 10 times before flowing to the vacuum pulp washing drum. (it should be used up in time after dilution, and cannot be stored for a long

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time).

It can be added to auxiliaries to eliminate and inhibit foam, that is, it can be used directly

Dosage: About 200g per ton of dry paper.

#### 5, packaging

Our company adopts 25kg, 50kg, 200kg plastic buckets and 200kg inner coated iron buckets for packaging

#### 6. Storage and transportation

It is suitable for room temperature storage, not near the heat source, not exposed to the sun, not adding acid, alkali, salt and other substances in the defoamer. It can't be stored for a long time after being diluted with water and won't be layered within one year of storage. If there is layered demulsification beyond this period, it can be stirred evenly before use without affecting the use effect and transported as non dangerous goods.

#### 7. Use safety

Before using the product in batches, the customer shall carefully read the product manual and conduct necessary defoaming test to ensure the safety of use. If you have any questions about the products, please contact us and our company will serve you wholeheartedly.

This material is based on our current knowledge and experience. Therefore, this material shall not be used to replace any test required by you when you use our products on a large scale or in a batch to fully meet your characteristics. For the loss caused by the product does not meet the sales quality index, the company only undertakes to return the payment or replace the product. Our suggestions for application or use are for reference only.

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