



# Changzhou Juyou New Material Tech Co.,Ltd.

## JY-2510 DEFOAMER

### 1. Product features

JY-2510 defoamer is composed of polysiloxane, modified polysiloxane, silicon resin, silica, dispersing agent, and stabilizing agent.

Stable effects in strong alkaline (pH10.0-14.0) and moderate-high temperature (60°C-90°C).

Immediate foam control action.

Persistent foam control action.

### 2. Product Technical Parameters

Index	Result	Test method
Appearance	White or yellowish uniform liquid emulsion, without any sediment and mechanical impurities	
pH	6.5~8.5	GB/T 26527-2011
Nonvolatile Content (%)	40.0±1.0	
Viscosity(25°C), mPa·s	300~500	GB/T 5561-2012
Emulsifier Type	Weak anionic	1% in water
Diluent	Thickening water(10~30°C)	

### 3. Applications

Pulp making.

Pretreatment of textile (desizing, scouring, and bleaching)

Textile dyeing (cotton dyeing)

Acrylic size

Industrial cleaning

Sewage treatment

### 4. Usage and dosage

JY-2510 defoamer can be diluted with thickening water. In the process of dilution, the speed of stirring is between 30 to 60 rpm and the time of stirring is recommended for no more than 10 minutes. Please request the company's customer service department for the specific dilution method. The company accepts no responsibility for any loss which may be incurred by the customer as a result of incorrect usage.

It is suggested that the product is added in a place where the defoamer can disperse easily.

Specific application method is as follows:

**Pretreatment of textile:** Add product directly to the pretreatment system.

**Textile dyeing:** Add product directly to the cotton dyeing system.

**Acrylic size:** Pre-dilute the product with 2.5-9 parts of thickening water, then add the defoamer in the acrylic size after the manufacturing of the acrylic size. Or added the product in the process of sizing. The recommended dosage is between 0.1 to 0.5% for the total amount of formula.

**Industrial cleaning:** Pre-dilute the product with 2.5-9 parts of thickening water, Then added the product in the industrial cleaning as formulation composition. The recommended dosage is

between 0.05 to 1% for the total amount of formula.

**Sewage treatment:** Generally, the product is added where bubbles concentrate, such as the inlets of the aeration tanks or wastewater collection pools. The dosage is 0.5 to 100 ppm, yet the optimum addition level should be preliminarily tested in a laboratory setting.

## 5. Package and shipment

25kg/drum, 200kg/drum, IBC, to store in a cool place. To prevent direct sunlight, Non-dangerous goods transportation.