



# Changzhou Juyou New Material Tech Co.,Ltd.

## KY308-Single component silicone oil emulsion for polyester steple fiber (three-dimensional hollow curly)- finishing agent

### 1、 Product characteristics

KY-308 is our newest single component silicone oil emulsion for polyester steple fiber, KY-308 contains many of the faculties groups, it can make the polyester fiber excellent fluffy, rebound resilience, smooth, soft, good handling feeling and high anti-static characteristics, the hollow fiber will be more white and bright after using the finishing agent.

### 2、 Technical index

Appearance:	milky white liquid
Solid content (%):	58-60
Ionic character:	non-ionic

### 3、 Working liquid component:

Dilute KY-308 silicone oil emulsion with water:

Suggested working liquid concentration ratio

(original products: water)

1: 8 ~ 20

Oiling rate %

0.3- 0.6

### 4、 Working liquid compounding method

- 1) according to the concentration and the proportion of the total amount of the expected liquid, calculate the weight of KY-308 and water,
- 2) pouring the needed amount of water into the kettle and start mixing, then pouring the weighted Ky308 and stir them about 15 minutes to dispersed evenly,
- 3) stopping mixing and storing the working liquid in storage tank for using,
- 4) heating is not needed during the working liquid preparation, room temperature water is advisable,
- 5) prepared liquid should be used during 12 to 24 hours.

### 5、 Oiling way

The finishing agent using the spray or the combination of dipping and spraying oiling method, either of them can achieve satisfactory finishing effectation.

### 6、 Fiber heating setting process requirement

Oiled curly tow, short fibers must to be done heating setting processing. Suggesting temperature 150 °C ~ 170 °C, retention time 10 min ~ 15 min, of course, concrete process parameters determined by fiber manufacturers.

### 7、 Product security,

no bad reaction to human skin in using proccession, but please wash with a lot of clean water if it splash into eyes.

### 8、 Packaging and shipping quality

25kg or 200kg clean airtight plastic packaging, stored in a ventilated shady and cool place, under temperature 0 ~ 35 °C, shelf life half a year, according to the non-dangerous goods shipment.