

# SoftenSil-5910

## *Silicone Softener*

### INTRODUCTION

SoftenSil-5910 is a kind of good handle hydrophilic silicone oil, which is modified quaternary ammonium multi-copolymerized polymer polysiloxane.

### TYPICAL PHYSICAL PROPERTIES

Appearance	Transparent to light yellow liquid
Ionic	Weak Cationic
Solid content (105°C, 3 hours)	91%~92%

### ADVANTAGE

- ☐ Endow fabric excellent soft and smooth feeling. With good elastic, the treated fabric feels like silk;
- ☐ Excellent hydrophilicity. Higher frequency of washing resistance;
- ☐ High temperature resistance, acid and alkali resistance, high shear resistance and good stability;
- ☐ Tiny yellowing, but there is no effect on whiteness and color shade of fabric.

### APPLICATIONS

SoftenSil-5910 can be applied to cellulose fabric.

- ☐ Dosage:

Dipping Process: 1~5 % ( o.w.f)

Padding Process: 10~50 g/l

### DILUTE METHOD

SoftenSil-5910: 200Kg

Emulsifier: 60Kg (recommend AEO-6)

Glacial acetic acid: 3Kg

Water: 707Kg

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Transparent appearance after emulsifying.

☐ Process:

Add SoftenSil-5910 and emulsifier to reactor, start stirring for 5-10 minutes;  
Add 50kg water to stir for 5 minutes, add 3 kg acid water to stir for 5-10 minutes;  
Add 50kg water to stir for 5 minutes;  
Add 50kg water to stir for 5 minutes;  
Add 50kg water to stir for 5 minutes;  
Add 50kg water to stir for 5 minutes;  
Add 100kg water to stir for 5 minutes;  
Add 100kg water to stir for 5 minutes;  
At last add rest water slowly, stir evenly, add rest acid water, stir evenly for 5-10 minutes,  
add glacial acetic acid to adjust PH value to 6.

Notice: Must use high speed machine, last time can add water slowly. When in cold weather, emulsifier is easily to freeze, heating thawing stirring before use.

During dilute, should scrape the reactor side, avoiding oil stick on reactor side without fully emulsification.

### PACKING AND STORAGE

SoftenSil-5910 is supplied in 50Kg or 120Kg plastic drum.

In the original unopened packaging, SoftenSil-5910 has a shelf life of six months in a dry and cool place.

### NOTES

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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Please send all technical questions concerning quality and product safety to: [support@SiSiB.com](mailto:support@SiSiB.com).