

SoftenSil-3508

Silicone Softener

INTRODUCTION

SoftenSil-3508 is modified quaternary ammonium multi-copolymerized polymer polysiloxane, which is a kind of ultra-high molecular weight hydrophilic silicone fluid.

TYPICAL PHYSICAL PROPERTIES

Appearance	Transparent to light yellow liquid
Ionic	Weak cationic
Solid content (105°C,3hours)	82%~84%

ADVANTAGE

- Endow fabric excellent smooth handfeeling;
- Good elastic and the treated fabric feels like silk;
- Excellent hydrophilicity;
- Higher frequency of washing resistance;
- High temperature resistance, acid and alkali resistance, high shear resistance, good stability;
- No effect on whiteness and color shade of fabric and no yellowing.

APPLICATIONS

SoftenSil-3508 is suitable for cellulose fabric.

SoftenSil-3508 diluted emulsion (20% solid content)

Usage:

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

Padding Process: 10~50 g/l

DILUTE METHOD

SoftenSil-3508: 200Kg

Emulsifier: 50KG (recommend AEO-6 or XL40:XL90=1:1)

Glacial acetic acid: 4Kg

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Water: 500Kg

□ Dilute process:

Add SoftenSil-3508 and emulsifier to reactor, start stirring for 5-10 minutes;
Add 30kg water to stir for 5~10 minutes;
Add 30kg water to stir for 5~10 minutes, add 2 kg acid to stir for 5-10 minutes;
Add 30kg water to stir for 5 ~10minutes; add 2 kg acid to stir for 5-10 minutes;
Add 30kg water to stir for 5~10 minutes;
Add 50kg water to stir for 5~10 minutes;
Add 100kg water to stir for 5~10 minutes;
Add 100kg water to stir for 5~10 minutes;
Add rest water, stir evenly for 5-10 minutes, add glacial acetic acid to adjust PH value to 6, filter and packing.

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.

PACKING AND STORAGE

SoftenSil-3508 is supplied in 50Kg or 120Kg plastic drum.

In the original unopened packaging, SoftenSil-3508 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.