

## SILIT-8700

### TECHNICAL DATA SHEET

#### Introduction

**SILIT-8700** is a kind of special quaternary silicone softener, product can be used in various textile finishing, such as cotton, polyester and blending etc., especially adapted to fabric that needs super hydrophilicity for polyester and nylon.

#### Properties

- Appearance Yellow transparent liquid
- pH value 7~9
- Ionic nature Not applicable
- Diluents Not applicable
- Compatibility Mixed use with cationic and nonionic auxiliaries
- Solid content About 80%

#### Characteristics

- **SILIT-8700** imparts super hydrophilicity and very low yellowing.
- Excellent product stability, **SILIT-8700** dilution are extremely stable at alkali, acid or high temperature finishing bath and can be used in dyeing bath. **SILIT-8700** completely avoid the problem that breaking silicone emulsion sticky roller.
- Provides water dilutions that have excellent compatibility with conventional textile auxiliaries, can be used with fluorocarbon soil release agents at same finishing bath.

#### Applications

##### 1 Exhaustion process:

**SILIT-8700** 0.5~1%o.w.f. (After dilution) (30%emulsion)

Usage :40℃~50℃×15~3 min

##### 2 Padding process:

**SILIT-8700** 5~15g/L (After dilution) (30%emulsion)

Usage :double-dip-d ouble-nip

#### Emulsification method

Add:1209 Room,2 Build, No. 1588 of Huhang Road , Shanghai City, China.

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**SILIT-8700**<80% solid content> emulsified to 30% solid content cationic emulsion

① SILIT-8700----428g

② +H<sub>2</sub>O ----200g; then stirring 30minutes

③ +HAc (----5g) + H<sub>2</sub>O (----200g); then slowly add the mixture and stirring 15min

④ +H<sub>2</sub>O ----167g; then stirring 15minutes

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Ttl.: 1000g / 30% solid content

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## Package

**SILIT-8700** is available in 200kg plastic drums.

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## Storage and shelf-life

When stored in the original unopened packaging at a temperature of between +2°C and +40°C, **SILIT-8700** can be used for up to 12 months after the date of manufacture marked on the packaging (DLU). Comply with storage instructions and the expiry date marked on the packaging. Past this date, **Shanghai Honneur Tech** no longer guarantees that the product meets the sales specifications.

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