

## SILIT-8500

### TECHNICAL DATA SHEET

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#### Introduction

**SILIT-8500** is a kind of special quaternary silicone softener, product can be used in various textile finishing, such as cotton, cotton blending etc., especially adapted to fabric that needs good hangfeeling and hydrophilicity.

Excellent product stability, alkali, acid, high temperature cannot cause emulsion breaking, completely solve the sticky rollers and cylinders and other safety issues; can be stained with the bath. Excellent soft feel. Does not cause yellowing.

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#### Properties

- Appearance    Transparent yellow liquid
  - pH value        7~9
  - Ionic nature    Not applicable
  - Diluents        Not applicable
  - Compatibility   Mixed use with cationic and nonionic auxiliaries
  - Solid content   81-85%
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#### Characteristics

- **SILIT-8500** imparts superior softness and fluffy and low yellowing.
  - Excellent product stability, **SILIT-8500** dilution are extremely stable at alkali, acid or high temperature finishing bath and can be used in dyeing bath.N90 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.
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#### Applications

##### 1 Exhaustion process:

SILIT-8500	0.5~1%o.w.f. (After dilution)
(30%emulsion)	

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Usage :40℃~50℃×15~30min

##### 2 Padding process:

SILIT-8500	5~15g/L (After dilution)
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(30%emulsion)

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Usage :double-dip-double-nip

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### Emulsification method

**SILIT-8500** <85% solid content> emulsified to 30% solid content cationic emulsion

- ① SILIT-8500 ----505g
  - +To5 ----85g
  - +To7 ----85g

stirring 10minutes

② +H<sub>2</sub>O ----600g; then stirring 30minutes

③ +HAc (----12g) + H<sub>2</sub>O (----300g); then slowly add the mixture and stirring 15min

④ +H<sub>2</sub>O ----410g; then stirring 15minutes

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Ttl.: 2kg / 30% solid content

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### Package

**SILIT-8500** 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-8500** can be used for up to 6 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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