



## SILIT-8980

### TECHNICAL DATA SHEET

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#### Introduction

**SILIT-8980** is a high concentration special block structure of quaternary silicone softener, product can be used in various textile finishing, such as cotton and polyester and blends, especially adapted to polyester fabric that needs excellent hydrophilicity and good handfeeling.

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#### Properties

- Appearance    Transparent or turbid yellow liquid
  - pH value        7~9
  - Ionic nature    Not applicable
  - Diluents        Not applicable
  - Compatibility   Mixed use with cationic and nonionic auxiliaries
  - Solid content   About 80%
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#### Characteristics

- **SILIT-8980** imparts superior softness and smoothness and very low yellowing and excellent hydrophilicity.
  - Excellent product stability, **SILIT-8980** dilution are extremely stable at alkali, acid or high temperature finishing bath. **SILIT-8980** 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-8980**                      0.5~1%o.w.f. (After dilution)    (30%emulsion)

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Usage :40°C~50°C×15~3 min

##### 2 Padding process:

**SILIT-8980**                      5~15g/L (After dilution)    (30%emulsion)

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Usage :double-dip-double-nip

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Add:2-C03 Room,2 Build, No. 1588 of Huhang Road , Shanghai City, China.

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### Emulsification method

**SILIT-8980**<60% solid content> emulsified to 30% solid content cationic emulsion

- ① SILIT-8980----375g  
stirring 5minutes
  - ② +H<sub>2</sub>O ----200g; then stirring 30minutes
  - ③ +HAc (----5g) + H<sub>2</sub>O (----300g); then slowly add the mixture and stirring 15min
  - ④ +H<sub>2</sub>O ----120g; then stirring 15minutes
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Ttl.: 1000g / 30% solid content

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### Package

**SILIT-8980** 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-8980** 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 Vana Biotech** no longer guarantees that the product meets the sales specifications.

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