

## SILIT-2803

### TECHNICAL DATA SHEET

#### Introduction

**SILIT-2803** is special amino silicone softener and a reactive functional silicone fluid. The product can be used in various textile finishing, such as cotton, cotton blending, It has good soft and good smooth feeling and little effect on yellowness.

#### Properties

- Appearance clear to slightly turbid fluid
- pH value 7~9
- Viscosity, 25℃ Approx. 1000mPa•s
- Amine number Approx. 0.2
- Compatibility Mixed use with cationic and nonionic auxiliaries

#### Characteristics

- **SILIT-2803** imparts superior softness and smooth.
- Little yellowness
- Good drapability

#### Applications

##### 1 Exhaustion process:

**SILIT-2803** 0.5~1%o.w.f. (After dilution)  
(30%emulsion)

Usage :40℃~50℃×15~30min

##### 2 Padding process:

**SILIT-2803** 5~15g/L (After dilution)  
(30%emulsion)

Usage :double-dip-double-nip

#### Emulsification method

**SILIT-2803**<100% solid content> emulsified to 30% solid content cationic emulsion

##### ① **SILIT-2803**----200g

+To5 ----50g

+To7 ----50g

+ Ethylene glycol monobutyl ether ----10g; then stirring 10minutes

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

③ +HAc (----8g) + add slowly H<sub>2</sub>O (----292); then slowly add the mixture and stirring 15min

④ +H<sub>2</sub>O ----200g; then stirring 15minutes

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Ttl.: 1000g / 30% solid content

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## Package

SILIT-2803 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-2803** 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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