

SILIT-8200

TECHNICAL DATA SHEET

Introduction

SILIT-8200 is a kind of special quaternary hydrophilic silicone softener, it can be used in various textile finishing, such as cotton, towel etc., especially adapted to fabric that needs super smooth and fluffy hangfeeling and excellent 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.

Properties

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

- **SILIT-8200** imparts superior smooth and fluffy and low yellowing.
 - Excellent product stability, **SILIT-8200** dilution are extremely stable at alkali, acid or high temperature finishing bath and can be used in dyeing bath. It completely avoids 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-8200	0.5~1%o.w.f. (After dilution)
(30%emulsion)	

Usage :40℃~50℃×15~30min

2 Padding process:

SILIT-8200	<u>5~15g/L (After dilution)</u>
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Add:1209 Room,2 Build, No. 1588 of Huhang Road , Shanghai City, China.

(30%emulsion)

Usage :double-dip-double-nip

Emulsifying method

SILIT-8200 <80% solid content> emulsified to 30% solid content **Macro emulsion**

① SILIT-8200 ----268g

SILIT-8500 ----53g

+TO8 ----43g

Stirring 5minutes

② +H₂O ----200g; then stirring 10minutes

③ + H₂O ----200g; then slowly add the mixture and stirring 10min

④ +H₂O ----236g; then stirring 10minutes

Ttl.: 1000g / 30% solid content

Package

SILIT-8200 is available in 200kg plastic drums.

Storage and shelf-life

When stored in the original unopened packaging at a temperature of between +2°C and +40°C, **SILIT-8200** 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.
