



SILIT-8799H

TECHNICAL DATA SHEET

Introduction

SILIT-8799H is a high concentration special block structure of quaternary silicone softener, product can be used in various textile finishing, such as cotton, cotton blending, rayon, viscose fiber, silk, wool, chemical fiber etc., especially adapted to fabric that needs high hydrophilicity and stability for high temperature and wide PH(3-14).

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%
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Characteristics

- **SILIT-8799H** imparts superior softness and very low yellowing.
 - Excellent product stability, **SILIT-8799H** dilution are extremely stable at alkali, acid or high temperature finishing bath and can be used in dyeing bath. **SILIT-8799H** 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-8799H 0.5~1%o.w.f. (After dilution) (30%emulsion)

Usage :40°C~50°C×15~3 min

2 Padding process:

SILIT-8799H 5~15g/L (After dilution) (30%emulsion)

Usage :double-dip-double-nip

**Emulsification method****SILIT-8799H**<80% solid content> emulsified to 30% solid content cationic emulsion

① SILIT-8799H----277g

+To5 ----43g

+To7 ----43g

stirring 10minutes

② +H₂O ----200g; then stirring 30minutes③ +HAc (----12g) + H₂O (----200g); then slowly add the mixture and stirring 15min④ +H₂O ----237g; then stirring 15minutesTtl.: 1000g / 30% solid content

Package**SILIT-8799H** 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-8799H** 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.
