

SILIT-8300

TECHNICAL DATA SHEET

Introduction

SILIT-8300 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.

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	Transparent yellow liquid
➤ Viscosity(mPa*S)	7000-13000
➤ Solid content	85%
➤ pH value	8~9
➤ Diluents	Not applicable
➤ Ionic nature	Not applicable
➤ Compatibility	Mixed use with cationic and nonionic auxiliaries

Characteristics

- **SILIT-8300** imparts superior softness and very low yellowing.
- Excellent product stability, **SILIT-8300** 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.

Applications

1 Exhaustion process:

SILIT-8300	0.5~1%o.w.f. (After dilution)
(30%emulsion)	

Usage :40℃~50℃×15~30min

Add:1209 Room,2 Build, No. 1588 of Huhang Road , Shanghai City, China.

2 Padding process:

SILIT-8300 5~15g/L (After dilution)

(30%emulsion)

Usage :double-dip-double-nip

Emulsification method

SILIT-8300 <85% solid content> emulsified to 30% solid content cationic emulsion

① **SILIT-8300** ----252g

+To5 ----43g

+To7 ----43g

+Ethylene glycol butyl ether ----10g

stirring 10minutes

② Slowly+H₂O ----200g; then stirring 30minutes

③ +HAc (----4g) + H₂O (----300g); then slowly add the mixture and stirring 15min

④ +H₂O ----148g; then stirring 15minutes

Ttl.: 1000g / 30% solid content

Package

SILIT-8300 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-8300** 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 HONNEURTECH** no longer guarantees that the product meets the sales specifications.
