

SILIT-1100

TECHNICAL DATA SHEET

Introduction

SILIT-1100 is 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.4000mPa•S
- Amine number Approx. 0.15
- Compatibility Mixed use with cationic and nonionic auxiliaries

Characteristics

- **SILIT-1100** imparts superior softness and smooth.
- Little yellowness
- Good drapability

Applications

1 Exhaustion process:

SILIT-1100 0.5~1%o.w.f. (After dilution)
(30%emulsion)

Usage :40℃~50℃×15~30min

2 Padding process:

SILIT-1100 5~15g/L (After dilution)
(30%emulsion)

Usage :double-dip-double-nip

Emulsification method

SILIT-1100<100% solid content> emulsified to 30% solid content cationic emulsion

① **SILIT-1100**----200g

+To5 ----50g

+To7 ----50g

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

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

② slowly add H₂O ----200g; then stirring 30minutes

③ +HAc (----8g) + add slowly H₂O (----292); then slowly add the mixture and stirring 15min

④ +H₂O ----200g; then stirring 15minutes

Ttl.: 1000g / 30% solid content

Package

SILIT-1100 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-1100** 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.
