



SILIT-8200N MACRO SMOOTH TECHNICAL DATA SHEET

Introduction

SILIT-8200N is a kind of special quaternary macro 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.

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 80%
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Characteristics

- **SILIT-8200N** imparts superior smooth and fluffy and low yellowing.
 - Excellent product stability, 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.
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Applications

1 Exhaustion process:

SILIT-8200N 0.5~1%o.w.f. (After dilution)

(30%emulsion)

Usage :40°C~50°C×15~30min

2 Padding process:

SILIT-8200N 5~15g/L (After dilution)



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(30%emulsion)

Usage :double-dip-double-nip

Emulsifying method

SILIT-8200N <80% solid content> emulsified to 30% solid content

Macro emulsion

① SILIT-8200N ----268g

+TO-12 ----86g

Stirring 5minutes

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

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

④ +acid---- 3g and H₂O ----243g; then stirring 15minutes

Ttl.: 1000g / 30% solid content

Package

SILIT-8200N 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-8200N** 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 Vana Biotech** no longer guarantees that the product meets the sales specifications.
