

**SILIT-3595 95% HIGH CONC. ELASTIC SILICONE****TECHNICAL DATA SHEET**

Introduction

SILIT-3595 is one type of high concentration block silicone softener, the product can be used as various textiles finishing agent (such as cotton and its blends, rayon, viscose fiber, synthetic fiber, silk, wool, etc). Especially suited for cotton and blends fabrics. It have super smooth and good fluffy and elastic handfeeling.

Characteristics

Appearance:	Transparent yellow liquid
pH value:	4~6(1% Aqueous solution)
Solid content:	95%
Ionic Character:	Light cationic
Diluent:	Water
Compatibility:	Be mixed easily with cationic and nonionic auxiliaries

Features of products

- Provides super smooth and fluffy and elastic.
 - Very low yellowing.
 - Excellent product stability.
 - Provides dilutions that have excellent compatibility with conventional textile auxiliaries.
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Applications

In fact **SILIT-3595** is oil, it need make chemical emulsion inversion around 30%

Emulsiying Method

SILIT-3595:	316Kg
Ethylene glycol monobutyl ether(BCS):	84 Kg
Glacial acetic acid:	3Kg
Water:	597Kg

Dilute Process:

- 1) Add **SILIT-3595**, Ethylene glycol monobutyl ether to reactor, start stirring for 5 minutes;
 - 2) Add 200kg water to stir for 10-20 minutes;
 - 3) Add 200kg water to stir for 10~20 minutes, add 3kg acid to stir for 5-10 minutes;
 - 4) Add 197kg water to stir for 5 ~10minutes;
 - 5) Add glacial acetic acid to adjust pH value to 5-6;
 - 6) Filter and pack.
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1.Exhaustion process:

SILIT-3595 (30%,after dilution) 1~3%o.w.f.

Usage :40°C~50°C×15~30min

2.Padding process:

SILIT-3595(30%,after 10~30g/L
dilution)

Usage :once-dip-once-nip

Package

SILIT-3595 is available in 200kg plastic drums.

Storage and shelf-life

When stored in its original packaging at a temperature of between -20°C and +50°C, **SILIT-3595** may be stored for up to 12 months from its date of manufacture (expiry date). Comply with the storage instructions and expiry date marked on the packaging. Past this date, **Shanghai Vana Biotech** no longer guarantees that the product meets the sales specifications.
