

Dongguan Landtool New Materials Co., Ltd

Solvent-free Soft & Slippery hydrophilic silicone LT-940B

LT-940B is a high molecular weight organosilicon compound, which is formed by quaternary amination of epoxy terminated silicone and tertiary amine. It is mainly used for finishing natural fibers such as cotton, linen, silk, wool and their regenerated fiber with excellent hydrophilicity, soft & slippery hand feeling and stability.

Technical Specification

- ☆ Appearance: Pale yellow transparent viscous liquid
- ☆ Ionicity: Weak cationic
- ☆ Active content: $99 \pm 1\%$

Properties

- ☆ Hydrophilicity ★★★★★
- ☆ Smoothness ★★★★★★
- ☆ Softness ★★★★★
- ☆ Fluffiness ★★★★★
- ☆ Elasticity ★★★★★

Product Features

- ☆ It is used in cotton knitted fabrics with excellent soft, slippery and resilient effect
- ☆ It has a good slippery, soft and resilient effect on knitted or woven fabrics, such as cotton, polyester cotton, linen, wool, silk and cotton linen blends.
- ☆ Can meet the slippery, soft and resilient hand feeling of different fabrics.
- ☆ Safety & convenience: do not contain APEO, can meet the environmental requirements. It's easy to emulsify, no yellowing and can be re-dyeing.
- ☆ The product contains no solvent, no oligomer

Application

Referenced usage (can be adjusted according to actual production)

LT-940B(20% emulsion)

- ☆ Padding:

Dosage: 5~30g/L

Process: one dip and one pad or two dips and two pads

- ☆ Dipping:

Dosage: 2.0~5.0%(o.w.f)

Liquor ratio: 1:10~15

Diluting method: add silicone oil with corresponding emulsifier(5:1 or 10:1), stirring evenly. Then add 1.0-1.5% HAC of total silicone, when stirring evenly, add water slowly in batches several times, stir to emulsify till it forms translucent to transparent emulsion without particles.

Storage & Packing:

Shelf time: Six months when store in cool, dry and shaded warehouse

Packing: 120KG/plastic drum