

Dongguan Landtool New Materials Co., Ltd

Soft & fluffy block copolymer silicone LT-750

LT-750 is a small-molecular-weight terpolymer block silicone with great comprehensive handfeel & stability. It is self-emulsifying and mainly used in finishing for polyester, cotton & its blends, will impart excellent softness and fluffiness.

● Technical Specification

- ☆ Appearance: Pale yellow transparent viscous liquid
- ☆ Ionicity: Weak cationic(emulsion)
- ☆ PH value: 6.0~6.5
- ☆ Active content: 60% ± 1%

● Properties

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

● Product Features

- ☆ Used in polyester, nylon, coral velvet, flannel and other fabrics with excellent softness.
- ☆ It also has a good fluffy and soft effect on cotton, polyester/cotton, denims and chemical fiber fabrics. It can meet the softness of different fabrics, especially suitable for the soft treatment of knitted fabrics and core spun yarn

● Application

Referenced usage (can be adjusted according to actual production)

LT-750(30% emulsion)

- ☆ Padding:

Dosage:10~50g/L

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

- ☆ Dipping:

Dosage: 1~2%(o.w.f)

Liquor ratio: 1:15~20

Emulsifying & diluting method: add LT-750 first, and then add 1.5%~2.5% HAC of total silicone. When stirring evenly, add water slowly in batches and stirring till it's emulsified.

The emulsion will form translucent to transparent emulsion without particles.

● Storage & Packing:

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

Packing: 120KG/plastic drum

Compatibility of other auxiliaries and process need to be checked before application