

Dongguan Landtool New Materials Co., Ltd

Soft and fluffy block copolymer silicone LT-790

LT-790 is a small-molecular-weight terpolymer block silicone with great comprehensive handfeel & stability. It is self-emulsifying and mainly used in finishing for polyester, nylon & its blended fabrics, 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: 68%

Properties

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

Product Features

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

Application

Referenced usage (can be adjusted according to actual production)

LT-790(20% 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-790 first, and then add 1%~1.5% 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