

Dongguan Landtool New Materials Co., Ltd

Smooth & resilient block copolymer silicone LT-780

LT-780 is a medium molecular weight ternary block silicone with self emulsifying. It's mainly used in finishing for polyester, cotton & its blends, will impart excellent smoothness and good stability

● Technical Specification

- ☆ Appearance: colorless transparent viscous liquid
- ☆ Ionicity: Weak cationic(emulsion)
- ☆ PH value: 8.0~9.0
- ☆ Active content: 60%

● Properties

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

● Product Features

- ☆ It imparts an excellent smooth & resilient effect on polyester, nylon, coral velvet and flannel fabrics.
- ☆ It also imparts smooth & resilient effect on cotton, polyester/cotton, denims and chemical fiber fabrics, can meet the smooth and resilient hand feel of different fabrics.

● Application

Referenced usage (can be adjusted according to actual production)

LT-760(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