

Dongguan Landtool New Materials Co., Ltd

Smooth and soft block copolymer silicone LT-730

LT-730 is (AB) n linear block copolymerized silicone. It is a medium molecular weight ternary block silicone with self emulsifying, suitable for softening and smoothing finishing of nylon, polyester, cotton, etc. Without silicon spots and low yellowing, LT-730 can be used directly to repair colors and imparts excellent smoothness handfeel and good stability.

● Technical Specification

- ☆ Appearance: Pale yellow transparent viscous liquid
- ☆ Ionicity: Weak cationic
- ☆ PH value: 8.0~9.0
- ☆ Active content: 60%

● Properties

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

● Application

It's suitable for synthetic fiber, such as 100%polyester, acrylic and fleece products, also can be used for 100%cotton or wool spinning fabrics.

Referenced usage (can be adjusted according to actual production)

LT-730(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-730 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