

Dongguan Landtool New Materials Co., Ltd

Hydrophilic copolymer silicone for chemical fibre LT-910A

LT-910A is a special modified polysiloxane block silicone with extremely hydrophilic function, which can give various fabrics hydrophilicity, soft and smooth hand feel. The emulsion has excellent hydrophilicity and stability.

Technical Specification

- ☆ Appearance: Pale yellow transparent viscous liquid
- ☆ Ionicity: Weak cationic
- ☆ Active content: 75± 1%

Properties

- ☆ Hydrophilicity ★★★★★
- ☆ Smoothness ★★★★★
- ☆ Softness & Fluffiness ★★★★★
- ☆ Fineness ★

Product Features

- ☆ It is widely used in cotton, polyester and other chemical fiber blended fabrics
- ☆ It has a good hydrophilicity and drapability on polyester, nylon, polyester/nylon and their blended knitted or woven fabrics
- ☆ Safety & convenience: do not contain APEO, can meet the environmental requirements. It's easy to emulsify, no yellowing and can be re-dyeing.
- ☆ Good stability in salt resistance, alkali resistance and heat resistance.

Application

Referenced usage (can be adjusted according to actual production)

LT-910A(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 first, 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

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