

# Dongguan Landtool New Materials Co., Ltd

## Soft & fluffy amino silicone LT-610

A new generation of modified, self-crosslinked high-class amino silicone softener, containing a variety of special functional groups of soft silicone, provides a unique soft, plump & resilient handfeel. It's widely used in dipping & continuous padding processes, can be suitable for soft and fluffy finishing of many different kinds of fiber fabrics.

### ● **Technical Specification**

- ☆ Appearance: Pale yellow transparent or semi-transparent viscous liquid or paste
- ☆ Viscosity: 1000~2000cst
- ☆ Ionicity: Weak cationic
- ☆ Solid content: 100%
- ☆ PH value: 6.0~8.0

### ● **Properties**

- ☆ The hand feel is much better than the conventional amino silicone in softness, and fluffy effect is also good.
- ☆ Excellent long-lasting finishing effect, not easy to cause roller sticking, yarn splitting, oil stains and other defects.
- ☆ It is suitable for all kinds of fiber fabrics, can obviously improve the softness and fluffy handfeel of wool, 100% cotton, polyester/cotton, polyester/viscose and its blended fabrics.
- ☆ No alkylphenols, safe and environment-friendly
- ☆ Good compatibility: can be used alone or re-compounded with other textile auxiliaries.

### ● **Application**

LT-610 is crude oil with 100% active content, cannot be used directly. Firstly, it must emulsify by corresponding emulsion process. Secondly, dipping 20~30 minutes or continuously padding after the emulsion was further diluted to 1-2% of finishing solution and PH value was adjusted to 5-6. Thirdly, drying at 80-105°C and baking at 160°C for 1 minute. The optimal dosage can be adjusted according to the fabric and hand feeling requirements.

### ● **Storage & Packing:**

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

Packing: 120KG/plastic drum, special packing can be customized

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