

# Dongguan Landtool New Materials Co., Ltd

## Soft & fluffy high-concentration amino silicone LT-618

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
- ☆ Ionicity: Weak cationic
- ☆ Solid content: 80%
- ☆ PH value: 6.0~7.0

### ● 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

- ☆ Padding:  
Dosage: 10~30g/L(after diluted)  
Process: one dip and one pad or two dips and two pads
- ☆ Dipping:  
Dosage: 1~3%(o.w.f) (after diluted)      Liquor ratio: 1:10~15

Notice: LT-618 is a high concentration product, cannot be used directly. It can be diluted to 20%~30% silicone emulsify.

### ● 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