

# Dongguan Landtool New Materials Co., Ltd

## Smooth Brightener amino silicone LT-604

LT-604 is a new type of macro oxosilane material which has a new stereochemical structure. It's mainly used in smoothing & glossing finishing for denim, yarn & leather. It imparts excellent smoothness, glossy and softness to fabrics.

### ● **Chemical Composition**

- ☆ Special organosilicon polymer

### ● **Technical Specification**

- ☆ **Appearance: Milky white liquid**
- ☆ Ionicity: Weak cationic
- ☆ PH value: 5.0~7.0
- ☆ Solubility: can be uniformly dispersed in water at any proportion

### ● **Properties**

- ☆ Good stability, can be used directly or after dilution, no layered
- ☆ Imparts significant smooth & glossy effect to denim, also can be sprayed
- ☆ Imparts great smoothness to sweaters, wool blends and acrylic yarn
- ☆ Sprayed on PU leather can achieve brilliant glossy and smooth effect
- ☆ Can be as a smoothing agent and formulated with other softeners to improve the smoothness of the products
- ☆ Can be used as a color deepening agent. It has darkening and brightening effect on dark fabric

### ● **Fields of Application**

- ☆ Suitable for the smoothing & glossy finishing of denim, leather, yarn, sweaters

### ● **Application(Recommended usage: 1:4)**

- ☆ **Padding:**  
Dosage: 5~20g/L  
Process: one dip and one pad or two dips and two pads  
Temperature: room temperature
- ☆ **Dipping:**  
Dosage: 1~4%(o.w.f)(after diluted)  
Liquor ratio: 1:10~15  
Temperature: 30~40°C  
Time: 30min

**Remarks: For spraying process, recommended usage is 1:19~29 (The dosage is adjusted by the actual situation of the customer)**

### ● **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