

**SILIT-4916**TECHNICAL DATA SHEET

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**Introduction**

**SILIT-4916** is a AB type of block silicone softener, the product can be used as handle finishing of most fibers and fabrics, greatly improving their smoothness and fluffiness, especially suitable for synthetic fibers and protein fibers.

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**Characteristics**

Appearance:	Colorless to light yellow transparent viscous liquid
Viscosity(25° C,mpas)	<10000
pH value:	4~6(1% Aqueous solution)
Ionic Character:	Light cationic/non ionic
Solid content	46-50%
Diluent:	Water
Compatibility:	Be mixed easily with cationic and nonionic auxiliaries

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**Features of products**

- A new type of self-emulsifying fabric softener that imparts smoothness and fluffiness to the fabric. The finishing solution has good shear stability and pH stability, making it suitable for jet and overflow dyeing.
  - It can be compounded into amino silicone emulsion to improve the stability of emulsion.
  - Excellent compatibility, can be used in the same bath as wrinkle resistant (durable pressing) resins and their catalysts, whitening agents, non ionic or cationic additives, and enzymes.
  - At a lower concentration of 2-5g/L of the finishing solution, it still has an excellent effect, providing the natural softness of synthetic fibers and their blended fabrics.
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**Applications****Padding process:**

Dosage 5-20g/L, set and dried at 160 ° C.

**Exhaustion process:**

Dosage 0.5-2% (o.w.f), bath ratio 1:10-1:20, room temperature 15-30 minutes, dehydration and drying, and drying at 160 ° C. Please adjust the specific process according to the user's discretion through the sample.

Add:2-C03 Room,2 Build, No. 1588 of Huhang Road , Shanghai City, China.

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**Package**

**SILIT-4916** is available in 200kg plastic drums.

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**Storage and shelf-life**

When stored in its original packaging at a temperature of between -20°C and +50°C, **SILIT-4916** may be stored for up to 12 months from its date of manufacture (expiry date). Comply with the storage instructions and expiry date marked on the packaging. Past this date, **Shanghai Vana Biotech** no longer guarantees that the product meets the sales specifications.

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