



Silkensoft N – 100

1) Product character

Silkensoft N – 100 is a novel linear, polydimethylsiloxane-amino poly alkylene oxide copolymer. It has high performance of softness and full hand feel compared with the other common blocking silicon oil. It has the self-emulsification, outstanding stability at the high temperatures. **Silkensoft N – 100** deliver a soft, silky and full hand feel to various fabrics, especially the plush fabric, such as polyester coral flocking, blanket and so on. It has high performance on price ratio compared with the other common blocking silicon oil.

2) Properties

Appearance	Transparent yellow to yellow liquid
Composition	New type block organosilicon compounds
pH	8.0 ~ 9.0
Ionicity	Weak cationic/nonionic

3) Features

- 3.1) Endow the fabric more excellent soft, bulky, silky handle feeling;
- 3.2) Does not interfere with soil release properties of fabrics treated with fluorocarbon soil release agents
- 3.3) Can be co-applied with fluorocarbon soil release agents
- 3.4) Endow the fabric excellent elastic style
- 3.5) Effectively solved the problem of demulsification and sticking to the roller
- 3.6) Outstanding compatible performance
- 3.7) If complexed with the amino silicone oil, it will improve the application performance
- 3.8) Provides dilutions that are extremely shear stable
- 3.9) Very low yellowing

4) Application

4.1) Dilution Method

Formulation : **Silkensoft N – 100**: 120 Kg; Glacial acetic acid : 3 – 4 Kg

4.2) Operation Process

Add **Silkensoft N – 100** in the stirring kettle, start the high speed dispersion machine, add the glacial acetic acid , then slowly add the first 120kg water, after diluted sufficiently into pasty , then add the other water according to the rate you need, stirring for 5-10min,can filter and packing.



Dosage (Diluted **Silkensoft N - 100** at a rate of 1:10)

Dipping process : The diluted **Silkensoft N - 100**: 3~5 % (o.w.f)
Padding process : The diluted **Silkensoft N - 100**: 30~50 g/L

5) Safe use and handling

Good hygienic and industrial practices should be followed and, when employed as recommended, **Silkensoft N - 100** will not present any hazard. However, prolonged skin contact with the neat product should be avoided and any splashes on the skin should be washed off with water.

The information herein is, to the best of our knowledge, correct and complete. It is based not only on the work in our laboratory but also on the reported results of other workers in this field. It is offered without guarantee of specific properties and no patent liability is assumed. No liability can be accepted for any loss, injury or damage resulting from its use.

