

SILICON SOFTNER EXTRA Conc.

Micro- silicone softener for all kind of fibres

Properties :

- causes a very soft handle on most types of fabrics.
- can be used to the finishing of white goods thanks to its non-yellowing type.
- has no change the color of finished goods.
- can be co-applied with other cationic and nonionic products.
- has no problem of gumming-up both in padding and bath treatments.
- imparts good anti-static property with an elastic softness.
- improves technological features of the goods (crease recovery, abrasion resistance, edge tearing resistance) on high grade finishing.

Characteristics

Type of product	: amino-functional polysiloxane micro-emulsion
Appearance	: transparent liquid
Ionic nature	: slightly cationic
pH of 1% sol.	: about 6
Solubility	: easily soluble in cold water

Application

SILICON SOFTNER EXTRA Conc. imparts a smooth soft handle to a variety of fabrics, including 100% cotton, cotton/polyester blends and 100% synthetics. It may be applied on its own by padding process or as a part of a resin finishing treatment.

It may also be applied by exhaust technique to yarns and knitted goods.

Dissolving method : pre-dilute with water. It shows a good stability. The pH-value of the liquor should be slightly acidic.

Guide recipes :

Exhaustion method : 1-3 % o.w.f **SILICON SOFTNER EXTRA Conc.** related to L:R=1-10,
pH: 5.0-6.0, Temperature: 35-40°C, Time: 20-30 min.

Padding method : 10-30 g/l **SILICON SOFTNER EXTRA Conc.** related to liquor pick up
100% Dry in wet, pH: 5.5-6.0, drying at 110°C and curing
for 3-5 min. at 140-120°C.

Storage stability : 12 months in closed original containers.

The indications given herein correspond to practical experiences. Owing to the differences in local conditions they cannot claim to be complete, so that any liabilities - also with a view to claims of third parties - are excluded.