

POLYSOFT NIS Conc.

Fatty acid derivative softening agent

- Properties** : - Imparts a soft, lofty, non-greasy handle to goods, being especially suitable for natural fibers and their blends with the synthetics.
- compatible with a wide range of anionic, cationic and nonionic auxiliaries.
 - has good non-yellowing properties.
 - is stable to hard water, dilute acids and alkalis.
 - does not affect the shade of dyed or optically bleached goods.
 - can be used in dyeing and bleaching baths as a softener and crease inhibitor and as a softener in finishing baths.
 - is compatible with all types of optical brightener and with dyestuffs of all classes.
 - can be applied in all types of machinery and is also suitable for stock solution in dosing plants.
 - compatible with other finishing agents and cross-linking agents used in resin finishing.

Field of application

- Substrate** : cellulosic and their blends, and to all synthetic fibers with the exception of acrylic
- Aggregate** : padding, spray, exhaust technique (in very short liquor ratios)
- Operation** : softening, antistatic improving and good handling finishes

Characteristics

Type of product : fatty acid derivative
Appearance : white to slightly yellowish flake
Ionic nature : non-ionic

Application

Dissolving : should be pre-dissolved with hot water.

Guide recipes : Preliminary lab trials are recommended.

Exhaustion method : 0.2–0.5% o.w.f. of **POLYSOFT NIS Conc.** related to L:R=1-10, pH: 5.0-6.0

Time: 20-30 min., drying at 110°C, curing at 130°C for 3 min.

Padding method : 2.0 – 5.0 g/l **POLYSOFT NIS Conc.** related to liquor pick up 70-80%

pH: 5.0-6.0, drying at 110°C and curing at 130°C for 3 minutes.

Storage stability : 12 months in closed original bags.

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.