POLYSOFT NIS250

Fatty acid derivative softening and anti-static agent

Properties : - Imparts a soft, lofty, non-greasy handle to goods, being especially suitable for

natural fibers and their blends with synthetic fibers.

- 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.

- is compatible with other finishing agents and cross-linking agents used during 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   **:** clear creamy paste

Ionic nature   **:** non-ionic

Application

Dissolving   : Can be mixed water in every ratio. Water should be added on the product little by little.

Guide recipes   **:** Preliminary lab trials are recommended.

    Exhaustion method: 1.5-4.0% o.w.f. **POLYSOFT NIS250** 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: 15-40 g/l POLYSOFT **NIS250** related to 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 containers.