

# POLYSOFT PE Conc.

## Polyethylene emulsion softener for knitted and woven fabrics

- Properties:**
- provides a very soft, elegant hand and high surface smoothness.
  - can be co-applied with other cationic and nonionic products.
  - improves the sew-ability especially of knitted goods and shows a remarkable wash and dry cleaning fastness.
  - increases the strength of the knitted and woven fabric when using in finishing bath such as resin finish.
  - has no problem of gumming-up both in padding treatment and bath treatment.

### Field of application

- Substrate** : different kind of woven and knitted goods made of natural and synthetic fibers and their blends
- Aggregate** : exhaustion and padding machines
- Operation** : softening, antistatic and sew-ability improving finishes

### Characteristics

- Type of product** : polyethylene emulsion
- Appearance** : white dispersion
- Ionic nature** : non-ionic
- PH of 1% sol.** : About 8.0 (1% sol.)

### Application

**Dissolving method** : easily soluble with cold water in any ratio.

**Guide recipes:** Pick-up: 80%, drying at 150°C and curing for 40-50 sec. at 150-160°C.

**Padding method:**

- for softening of different type of fabrics 20-50 g/l **POLYSOFT PE Conc.**
- for improving the sewability of knitted good 5-20 g/l **POLYSOFT PE Conc.**
- for using in resin finish bath 20-40 g/l **POLYSOFT PE Conc.**

**Storage stability** : 12 months in closed original containers. This product is sensitive to frost.

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.