TECHNICAL INFORMATION

SEGALUB PE Liq

Polyethylene emulsion provides slippage and seam ability to the fabric which can be used for natural and regenerated cellulose fibers and their mixtures

- Provides very slippery touches on all natural and synthetic fibers and their blends.
- Especially for bobbin dyeing products it is easy to sew and it is recommended to give with nonionic softeners for a perfect touch.
- It increases friction and tear strength of woven and knitted fabrics.
- It improves the strength and abrasion values of resin finished products.
- It significantly increases the effects on corrugated products.
- It facilitates the penetration of needle and non-woven fabrics during needle sewing.
- It does not disturb the fastness or shades of direct reactive or disperse dyes.
- It does not increase the thermomigration of disperse dyes on polyester fibers.

PROPERTIES

Chemical Structure	Polyethylene emulsion
Appearance	Turbid yellowish liquid
pH	8.0-10.0
Ionic Character	Nonionic
Solubility	Soluble in water in any ratio

APPLICATION

Foulard Method

Synthetic fibers (sample recipes)

10-30 g/l Segalub PE Liq

-Padding with optical brighteners if desired, 70-100 % pick up.
-Suitable conditions for fabric drying and fixing.

Cellulosic fibers (sample recipes)

10-60 g/l Segalub PE Liq

-Padding with optical brighteners, softeners or silicone elastomers if desired, 70-100 % pick up.
-Suitable conditions for fabric drying.

Resin finishing (sample recipes)

10-60 g/l Segalub PE Liq
40-60 g/l Fixture SFK

-Padding with optical brighteners, softeners or silicone elastomers if desired, 70-100 % pick up.
-Suitable conditions for resin drying and fixing.

Exhaust Method

1 - 3% Segalub PE Liq
pH: 4.5 - 5.5
Bath liquor: 1:5 - 1:20
Temperature: 40-50°C
Duration: 20-30 min.
Fixed temperature: 130-150°C

Storage and handling

Suitable storage condition is 12 months in closed containers.
(Sensitive to freezing and temperatures above 40°C)