



Sarex Chemicals

(A Divn. Of Saraf Chemicals Pvt. Ltd.)

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PRODUCT LITERATURE

SARASOFT-EP

Product Information

Sarasoft-EP is a polyethylene emulsion specially developed for cotton sheeting, cellulosic and their blends to impart soft and bulky handle on the finished fabric. Sarasoft-EP when used alongwith Saralink-545 or Saralink-ULF, improves the tear and tensile strength of the treated fabrics with improvement in DP rating. It also improves sewability of the finished fabrics. Sarasoft-EP is also recommended for finishing of fabrics before emerising to ensure uniformity of treatment.

Key Features & Benefits

Key Features

Sewability improver

Reduces tear & tensile
strength loss

Economical

Benefits

For finishing of knits & high value
shirting for branded garments

Ideal component for resin finishing

Recipe costs lower

General Characteristics

Physical Appearance : Light to dark yellow translucent liquid

Ionic Nature : Nonionic

pH of 1% solution : 8.5 +/- 1

Miscibility : Miscible with water

Compatibility : Compatible with cationic, anionic and
nonionic products

Stability : Stable to dilute acids and dilute alkalies

Application

Padding process

1. Softness finish

Pick-up : 65-70%

Bath pH : 5.0-6.0



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Drying : 130-160 deg.C

SUGGESTED RECIPES

1.1. Cotton B/W

Sarasoft-EP : 20-30 g/l
Sarasoft-I : 20-30 g/l

1.2. High value cotton shirting

Sarasoft-EP : 10-30 g/l
Macrosoft-W : 10-15 g/l
Megatouch : 5-10 g/l

2. Wrinkle-free finish

Pick-up : 65-70%
Bath pH : 4.5-5.0

SUGGESTED RECIPES

2.1. P/V, P/C Suitings

Saralink-545 : 40-60 g/l
Sarasoft-EP : 20-30 g/l
Rucosoft-20 : 10-30 g/l OR
Sarasoft-1371: 10-20 g/l
Mg Cl₂ : 8-12 g/l

Shock Cure : 180-190 deg.C, 45-60 sec.

2.2. 100% Cotton fabric

Saralink-ULF : 60-120 g/l
Sarasoft-EP : 20-40 g/l
Sarasoft-1371: 10-20 g/l
MgCl₂ : 12-24 g/l
Citric acid : 0.3 g/l

Drying : 110-130 deg.C, (8-12% moisture content)
Curing : 150-160 deg.C, 5-6 mins.

3. Finishing of fabrics before emerising



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Bath pH : 5.5-6.0
Drying : 110-130 deg.C

Exhaust process

Saralink-ULF : 6-12%
Sarasoft-EP : 2-3%
Sarasoft-1371 : 2-3%
Sarasoft-I : 1 %
MgCl₂ : 1.2-2.4%

Bath pH : 4.5-5.0 (adjusted with citric acid)
Bath Temp. : R.T, 10-30 mins.
Drying : Hydroextract (65-70% moisture content)
Tumble dry (10-15% moisture content)

Precautions

Storage : Store in cool, ventilated shed away from
heat and direct sunlight. Storage temperature
should not exceed 35 deg C. Close lids firmly
to avoid contact with air and moisture.

Shelf Life : 9 months from the date of manufacturing, if
stored under controlled conditions.

[The above information is given in good faith and is without warranty]
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