



Sarex Chemicals

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

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PRODUCT LITERATURE

SARASOFT-EP (CONC)

Product Information

Sarasoft-EP (Conc) is a polyethylene emulsion for cotton and polyester cellulosic blend fabrics to impart soft and bulky handle. Sarasoft-EP (Conc) 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 (Conc) 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

Concentrated

Benefits

For finishing of knits & high value shirting for branded garments

Ideal component for resin finishing

Economical

General Characteristics

Physical appearance : Yellow translucent hazy liquid

Ionic nature : Nonionic

pH of 1% solution : 8 +/- 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

Drying : 130-160 deg.C



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SUGGESTED RECIPES

1.1. Cotton B/W

Sarasoft-EP(Conc) : 10-15 g/l
Sarasoft-I : 20-30 g/l

1.2. High value cotton shirting

Sarasoft-EP(Conc) : 5-15 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(Conc) : 10-15 g/l
Rucosoft-20 : 10-30 g/l OR
Sarasoft-1371 : 10-20 g/l
Mg Cl₂ : 6-12 g/l

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

2.2. 100% Cotton fabric

Saralink-ULF : 60-120 g/l
Sarasoft-EP(Conc) : 10-20 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.

Exhaust process

Saralink-ULF : 6-12%
Sarasoft-EP(Conc) : 1-1.5%
Sarasoft-1371 : 2-3%
Sarasoft-I : 1 %
MgCl₂ : 0.9-1.8%

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)

Curing : 140-160 deg.C, 5-6 mins.



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Instructions For Dilution

Procedure to prepare 20% Sarasoft-EP (Conc)

- Take 52.63 parts of Sarasoft-EP (Conc)
- To this, add 47.37 parts of distilled water
- Stir at 300-400 rpm till solution became homogeneous

Preservation: It is recommended to add 0.1% Bronopol (2-Bromo, 2-nitropropane, 1,3-diol) or Methyl Paraben (methyl para hydroxy benzoate) as an antimicrobial agent to avoid fungal/microbial growth.

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 : 8 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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