



Sarex Chemicals

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

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PRODUCT LITERATURE

SARABLOOM-SL

Product Information

Sarabloom-SL is a colour blooming agent specially developed for enhancing shade of cotton, wool, polyester and their blends. It is specially suitable for black and navy blue dyed fabrics. Sarabloom-SL imparts neutral to redder tone on the treated fabrics.

Treatment with Sarabloom-SL confers soft hand to the fabric and thus addition of conventional softeners can be reduced from the recipe. Sarabloom-SL does not lead to bronzing.

Key Features & Benefits

Key Features

Benefits

Durable

Depth consistency reasonably maintained after repeated home laundering

Confers softness

Additional softeners can be reduced from the recipe

General Characteristics

Physical appearance : Off white to milky white liquid

Ionic nature : Nonionic to weakly cationic

pH of 1% solution : 5 +/- 1

Miscibility : Miscible with water

Compatibility : Compatible with cationic and nonionic products

Stability : Stable to dilute acids and dilute alkalies

Application

Padding process:

Pick-up : 65-70%

Bath pH : 4.5-5.0 with Acetic acid

Drying : 130-140 deg.C

SUGGESTED RECIPE



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<u>Substrates</u>	<u>Concentration</u>	<u>pH with Acetic Acid</u>	<u>Colour depth*</u>
Cotton	20-30 g/l	4.5-5	20-30%
Polyester	20-30 g/l	5.5-6	15-25%
Wool and its blends	20-30 g/l	5.5-6	15-25%
Linen and its blends	20-40 g/l	4.5-5	15-30%

* Increase in colour depth depends upon type of dye and substrate.

Coating application for Denim

Dosage : 20 parts
Thickener : 80 parts

Total : 100 parts

pH 4.5-5.0; Coat & Cure at 160-170 deg.C

Exhaust process: Garment drum, winch m/c.

Dosage : 2-4%
Bath pH : 4.5-5.0
Bath Temp. : 30-40 deg.C
Time : 20-30 min.
Drying : 130-140 deg.C

Precautions:

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- Any strong mechanical finish like calendering, pressure decatizing etc.which can affect the surface characteristics of the finished fabric may reduce blooming effect.
 - Blooming effect will not be observed for dyefixed fabric.
 - pH of padding solution should be 4.5-5.0. If pH increases to alkaline side, the emulsion becomes unstable resulting in the formation of white specks and ultimately lower colour blooming effect on fabric.
 - Make small volume of pad solution to avoid tailing problem.



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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]
[Prod.Code :L007140 | Last Upd. On : 12/01/24 [PP]

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