



Sarex Chemicals

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

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PRODUCT LITERATURE

FLEXDYE-ELA

Product Information

Flexdye-ELA is a new dyeing auxiliary which improves the depth of shade of elastane (EL) portion in blends with PA/EL. It enables to achieve a higher quality of Black dyed PA/EL by providing higher build-up and high wet fastness property.

Flexdye-ELA solves the problem of "Grin through" of the undyed elastane fibre. Flexdye-ELA is specially recommended for elastic knits for lingerie, swim and sportswear and high value athletic apparel.

Key Features & Benefits

Key Features

Improves depth of shade of elastane (EL) fibre in blends with Polyamide (PA)

Develops solid dyeing on elastane (EL)

Has no effect on light fastness

Benefits

Solves the problem of "Grin through" of undyed elastane fibre

No adverse effect on wet fastness

Ensures stable and reproducible shades

General Characteristics

Physical appearance : Colourless clear liquid

Ionic nature : Nonionic

pH of 1% solution : 7 +/- 1

Miscibility : Miscible with water

Compatibility : Compatible with anionic, cationic and nonionic products

Stability : Stable to dilute acids and dilute alkalies

Application

Step-1 : Pretreatment

Flexdye-ELA is applied initially in acid bath at 50 deg.C for 20 min prior to dyeing.



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Flexdye-ELA : 1-2%
Acetic acid : 1%
Bath pH : 4.5
Temp. : 50 deg.C
Time : 20 min

Step-2 : Dyeing

No need to drain the pretreatment bath. Dyeing can be performed in the same bath.

Note:

For critical case with poor compatibility, it is recommended to drain the pretreatment bath and start the dyeing in fresh bath.

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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