



Sarex Chemicals

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

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PRODUCT LITERATURE

FERAFIX-PDM

Product Information

Ferafix-PDM is newly developed formaldehyde free, powder dye fixing agent for cellulosic's dyed with reactive dyes and direct dyes and Indigo dyed and Sulphur dyed denims. Ferafix-PDM shows excellent improvement in washing fastness, perspiration fastness and water fastness. It does not impair the shade of the fabric and no adverse effect on the light fastness property of dyed fabric. It is applicable by exhaust as well as pad application.

Key Features & Benefits

Key features	Benefits
Formaldehyde-free	Suitable for babywear
No adverse effect on light Fastness	Suitable for all shades
Powder form	Easy to handle

General Characteristics

Physical appearance	: White crystalline powder
Ionic nature	: Cationic
pH of 1% solution	: 4 +/-1
Miscibility	: Soluble in water
Compatibility	: Compatible with cationic and nonionic products
Stability	: Stable to dilute acids and dilute alkalies

Application

For Reactive dyed fabrics

After thorough soaping of reactive dyed fabrics, treat in a fresh bath with below recipe:

Exhaust Process	Continuous Process
Dosage : 0.2-0.5%	Dosage : 2-5 gpl
Bath pH : 5.0-5.5	Pick-up : 65-70%
Bath Temp : 30-40 deg.C	Bath pH : 5.0-5.5
Time. : 15-30 min.	Drying : 130-170 deg.C



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For Indigo & Sulphur dyed fabrics

Exhaust Process

Dosage : 0.5-1.5%
Bath pH : 5.0-5.5
Bath Temp : 30-40 deg.C
Time. : 15-20 min.

Padding Process

Dosage : 5-15 gpl
Pick-up : 65-70%
Bath pH : 5.0-5.5
Drying : 110-130 deg.C

For Direct dyed fabrics

After thorough soaping of Direct dyed fabrics, treat in a fresh bath with below recipe:

Exhaust Process

Dosage : 1-2%
Bath pH : 3.5-4.5
Bath Temp : 30-40 deg.C
Time. : 15-30 min.

Padding Process

Dosage : 10-20 gpl
Pick-up : 65-70%
Bath pH : 3.5-4.5
Drying : 130-170 deg.C

Instructions for Dilution

Procedure to prepare 20% Ferafix-PDM

- Take 80 parts of DM water
- To this, gradually add 20 parts Ferafix-PDM with constant stirring
- Continue stirring to obtain homogenous solution
- Filter it to remove un-dissolved particles if any.

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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