



Sarex Chemicals

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

501 Waterford, C Wing, C.D.Bariwala Marg(Juhu Lane), Andheri(W),Mumbai 400 058. INDIA

Phone +91 22 42184218 Fax +91 22 42184350

Email tomktg@sarex.com URL www.sarex.com

PRODUCT LITERATURE

NYLOFIX-993

Product Information

Nylofix-993 is a low dusting powder dyefixing agent for polyamide and their blends dyed/printed with acid and metal complex dyestuffs. It is readily soluble in water. Polyamide fabric dyefixed with Nylofix-993 shows improvement in wet fastness properties. It acts as a leveling agent for Nylon/Wool blend for achieving solid even dyeing. It also acts a reserving agent for Nylon/cotton blend fabrics. Nylofix-993 is stable under acidic condition this can be used for various application.

Key Features & Benefits

Key Features

Fibre Affinity

Improves wet fastness properties

It equalize exhaustion of dye for wool/nylon blend

Has no effect on shade or light fastness of dyeings

Low foaming

Benefits

Strong dye fixing agent for acid and metal complex dyes and reserving agent for Polyamide/Cellulosic blends dyeing

Prevents cross-staining during washing

Solid shades obtained

Recipe adjustment not require

Can be used on soft flow machines

General Characteristics

Physical appearance : Light brown/brown buff powder

Ionic Nature : Anionic

pH of 1% solution : 8 +/- 1

Miscibility : Miscible in water

Compatibility : Compatible with anionic and nonionic products

Stability : Stable to dilute acids and dilute alkalies



Sarex Chemicals

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

501 Waterford, C Wing, C.D.Barfiwala Marg(Juhu Lane), Andheri(W),Mumbai 400 058. INDIA

Phone +91 22 42184218 Fax +91 22 42184350

Email tomktg@sarex.com URL www.sarex.com

PRODUCT LITERATURE

NYLOFIX-993

Application

I. Exhaust application to improve wet fastness of Polyamide

Nylofix-993 : 0.5-1.5% (depending on depth of shade)
Bath pH : 2.5-3 (with Citric acid)
Bath Temp. : 70-80 deg. C
Time : 15-20 min.

II. Exhaust application for Wool / Nylon blend for solid shade

Nylofix-993 is added to the bath containing approximately 2g/l Citric acid and other auxiliaries. Treatment to be carried out for 20 min at 50-60 deg. C before adding dye and then dyeing to be carried out. The concentration of Nylofix-993 depends on type of dye and depth of shade, dyeing method and fibre blends. Generally, more quantity of Nylofix-993 is required for high dye affinity and pale shades and less quantity is required for darker shades.

III. Exhaust application for Nylon / Cellulose blend for solid shade

Nylofix-993 is added to the dyebath to prevent staining of nylon fibre with direct dyes depending on the depth of shade.

Note:

1. The handle of the fabrics may change slightly (becoming firmer, fuller), depending on the amount of Nylofix-993 used, the fabric construction, and the temperature during drying or post-setting.
2. The optimum concentration of Nylofix-993 can vary depending on type of polyamide. Generally, higher concentration are required for Nylon 6 than for Nylon 66. It is advisable to carry out the after treatment at 70 deg. C

The effects obtained by after treating with Nylofix-993 are stable to dry heat at the usual setting temperatures, but can be impaired by intense pressure steaming. Increasing the amount of Nylofix-993 will often improve the stability of the dye-fixation to steaming. Polyamide material treated with Nylofix-993 is difficult to re-dye or over-dye. Nylofix-993 should therefore be stripped first before re-dyeing.



Sarex Chemicals

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

501 Waterford, C Wing, C.D.Barfiwala Marg(Juhu Lane), Andheri(W),Mumbai 400 058. INDIA

Phone +91 22 42184218 Fax +91 22 42184350

Email tomktg@sarex.com URL www.sarex.com

PRODUCT LITERATURE

NYLOFIX-993

Removal of Nylofix-993 from substrate

2 g/l ammonia 24%

2-3 g/l detergent

Run for 10-20 minutes at 80-90 deg. C followed by rinsing.

Instructions For Dilution

Procedure to prepare 35% Nylofix-993

- Take 65 parts of DM water at room temperature or 60-80 deg. C
- To this, gradually add 35 parts of Nylofix-993 with constant stirring.
- Continue stirring for 30 min to obtain homogeneous product.

Note:

-
- Appearance of solution may change from yellow to brown on storage
 - If solution to be stored at freezing temperature, then addition of 5-10% diethylene glycol is recommended

Preservation:

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

It is advisable to utilize the diluted product within 2 months. Stir well before use.

Precautions

Storage : Store in cool, ventilated shed away from heat and direct sunlight. Storage temperature should not exceed 35 deg C. lose 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 :L005694 | Last Upd. On : 09/08/2021] [PP]

This is a computer generated report. Hence not signed.