

# POPFIX RNW

## PROPERTIES

pH of 2% solution : 4.5 + 0.5

Ionic Nature : Anionic

Dilutability in Water : Mixable in all proportions in cold and hot water

Stability to dilute acid : Good

Alkalies and Hard Water

## APPLICATIONS

It can be used :

- In washing of nylon prints as well as polyester prints to prevent staining or tinting of white ground and dulling of pale shades.
- As a dye fixing agent. After treatment of dyed nylon with Popfix RNW will generally improve the fastness to washing.
- As a levelling agent for acid dyes by reducing the rate of dye uptake.
- For uniform solid dyeing of wool/nylon and blends.
- For reservation of nylon fibres in blends containing vegetables fibres.

## GUIDELINES

- **Washing of nylon prints :**  
Prints especially those of large surface area and made with high concentration of dye stuffs, tend to mark off and stain unprinted white portion ground and dulling of pale shades during the washing process. The use of popfix RNW will improve the appearance of the goods if after steaming the goods are treated in first washing bath with 1-2 grams per litre Popfix RNW for 10 minutes at 30°C and then soaped in the normal way.
- **Washing of polyester prints :**  
Prints especially those of large surface area and made high concentration dyestuffs tend to mark off and stain unprinted white portion grounds and dulling of pale shades during the washing process. The use of Popfix RNW will improve the appearance of the goods if after steaming the goods are treated in first bath with 2-3 gram per litre Popfix RNW for 10 minutes at 30°C-40°C and then soaped in the normal way.

## AFTER TREATMENTS : ( To Improve Fastness Properties )

**After treatment with popfix RNW will generally improve the fastness to water and perspiration of shades obtained with weakly acid dyes on nylon fibres and is carried out by adding 1 gram per litre popfix RNW to the exhausted dye bath and treating the goods for 15 minutes at 80°C-90°C.**

## LEVELLING PROPERTY :

**Addition of 1-2 gram per litre Popfix RNW during acid dyeing assists in improving the levelness of dyeing.**

- Solid dyeing of wool/nylon blends :  
In pale and medium shades the nylon fibre always dyes darker than the wool. The addition of Popfix RNW to the dye bath inhibits exhausting of the dye on the nylon portion to enable uniform dyeing of blends.  
Pale to dark shades 1-1.5 gram per litre Popfix RNW.  
The goods are entered at 40C in the bath containing auxillaries and predissolved dye solution, the

temperature is raised slowly and steadily over 45 minutes to the boil and kept there for a further 45 minutes. The pH of dye bath should be maintained neutral or slightly alkaline.

- Reservation of nylon fibre in blends containing vegetable fibre :  
When dyeing blend of nylon with either cotton or viscose it is possible to prevent the direct dye from staining the nylon portion by carrying out of the process under neutral or weakly alkaline conditions with the additions of :  
1 - 2 gram per litre Popfix RNW  
0.5 gram per litre Tri Sodium Phosphate



**Without Guarantee**