



Sarex Chemicals

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

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PRODUCT LITERATURE

DYEWELL-002 (CONC)

Product Information

Dyewell-002(Conc) is a levelling cum dispersing agent and dyeing accelerator with diffusion property for high temperature polyester dyeings. Dyewell-002(Conc) accelerates the diffusion of disperse dyestuffs into the polyester fabric and hence enables a good dyestuff pick-up. It gives good migration property.

Key Features & Benefits

Key Features

Dyeing accelerator with diffusion properties

Low foaming

Benefits

- Dyeing time and temperatures can be reduced
- Good dyestuff pick-up and improved dyestuff yield

Suitable in high temperature range

General Characteristics

Physical appearance : Light yellow clear to hazy viscous liquid

Ionic nature : Nonionic

pH of 1% solution : 7 +/- 1

Miscibility : Miscible with water

Compatibility : Compatible with cationic, anionic and nonionic products

Stability : Stable to dilute acids and dilute alkalies

Application

1. In Exhaust dyeing of polyester tops, yarn, fibre & fabrics Set the bath with 0.25-0.4% Dyewell-002(Conc) (Depending on depth of shade)
0.5-1.0 g/l Saracid-RS (Acid buffer)

Circulate at 60 deg.C for 5-10 min., add dyestuff dispersion, circulate for 5-10 min. Check and adjust pH to 4.5 - 5.5 and dye as per usual method.

2. For correction of faulty dyeings & levelling



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0.5 - 1 % Dyewell-002 (Conc)
1 - 2 % Saracid-RS (Acid buffer)
10-20 % dyestuff of the original recipe
pH 4.5 - 5.5
Treat at 130-135 deg.C for 40-60 min.
Drain and reduction clear.

Note:- For CI.Disperse Blue 354 dosage required 0.5-0.6%

Instructions For Dilution

For 50% Product take 500 parts DM water and then add 500 parts Dyewell-002 (Conc) and stir at 50-100 rpm for 30-40 mins till homogeneous product is formed.

Butyl diglycol (BDG) can be added after dilution to maintain viscosity (4000-7000) if required

Preservation:

It is recommended to add 0.1% Bronopol (2-Bromo, 2 nitropropane, 1,3-diol) or methyl 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. 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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