

Nestogen - YLD

Non – staining Leveling agent specially designed for Yarn Dyeing

Nestogen – YLD is an excellent Leveling agent designed for the application of disperse dyes to polyester fibres, especially in short cycle dyeing.

SPECIAL FEATURES :

- Improves exhaustion of even the most difficult, high molecular size disperse dyestuffs.
- No restraining action on exhaustion of disperse dyes, full yields are obtained in deep shades.
- Helps compensate for lack of compatibility of dyes in mixtures, used because of economy or particular fastness properties.
- Anionic chemical nature ensures compatibility with all commonly used polyester dyeing auxiliaries. No cloud point effect.
- No formaldehyde content, no anti-foam content.

CHARACTERISTICS:

Appearance	:	Clear Yellow Brown Liquid
Nature	:	Anionic
Composition	:	Proprietary anionic compound
Solubility	:	Readily soluble in water
Stability to hard water	:	Good
pH	:	6.5 ± 1

APPLICATIONS :

[I]. **Nestogen – YLD** used as leveling agent in dyeing of Polyester Yarn :

Nestogen – YLD is suitable for use on all types of high temp. dyeing machinery. After scouring the goods, the dye bath is set with fresh water and the temp. raised to 60deg. C.

Nestogen – YLD	:	0.5 to 1.0 gpl
Proton LS-5*	:	1.0 to 1.25 gpl
Disperse Dyes	:	X % (O. W. F.)

[* Possess buffering, sequestering & dispersing action]

Add **Nestogen – YLD** to the bath together with other chemicals required and circulate.

Adjust to pH 4.5 to 5.5.

Add pre-dispersed dyestuffs, preferably through a sieve of filter.

The product appearance varies from batch to batch. The colour & viscosity may vary from batch to batch and its intensity is not an indication of product strength.

NONWARRANTY: The suggestions and data in this bulletin are based on information we believe to be reliable. They are offered in good faith but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions on an experimental basis before adopting them on a commercial scale.

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Raise temperature from 60deg. C to maximum dyeing temp. (130 -135 deg. C) at desired temp. gradient. Rapid rates of rise of 2-4 deg. C per minute are possible.

Run 30 – 60 minutes. Cool to temp. at which the liquor can safely be drained without causing creasing, then rinse or reduction clear if necessary.

[II]. Nestogen – YLD used for re-leveling of faulty dyeing of Polyester Yarn:

Nestogen – YLD can be used to correct the unlevel dyeing or to reduce the depth of dyeing dyed too heavily.

Treat for 45-60 minutes with,

Nestogen – YLD : 2 to 5 gpl

At maximum dyeing temp. this treatment will hold the dye remove in the bath.

If shade correction is necessary, these should be carried out after first replacing all or most of the bath. Re-leveling treatments should be followed by through rinsing and reduction clearing to ensure maximum fastness.

Storage	Stable under normal conditions.
Packing	50 Kg. Plastic carboy

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