

Nestogen – RDL

(Low foaming Solubilising cum leveling agent for Cellulosics)

Product Information :

Nestogen - RDL is a special formulation for dyeing of reactive dyes and vat dyes by exhaust as well as pad application. **Nestogen - RDL** improves the solubility of reactive dyes under adverse conditions of dyeings such as low liquor ratio, poor quality of salt, hardness in water, poor solubility of dyestuff. Use of urea can be eliminated by addition of **Nestogen - RDL**.

Nestogen - RDL act as a solubilising and levelling agent particularly for bath dyeing. It does not affect colour value or tone. **Nestogen - RDL** can also be added in print paste to obtain brighter and uniform print.

Key Features & Benefits :

- Solubilising action prevents precipitation of low solubility reactive dyes at low MLR.
- Uneven dyeing with incompatible dyes can be minimised
- Can be added in padding
- Improves dyebath stability and application uniformity of dyeings
- Does not affect colour value or tone
- Recipe correction not require
- Low foaming
- Suitable for jet and package dyeing

General Characteristics :

Physical appearance	:	Clear to turbid Brownish liquid
Ionic nature	:	Anionic
Miscibility	:	Miscible with water
Compatibility	:	Compatible with anionic and non-ionic
Products Stability	:	Stable to dilute acids, dilute alkalies

Application :

1. Exhaust process

0.5 - 2 g/l **Nestogen - RDL**
(Concentration to be added depending on dyestuff and depth of shade)

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.

2. Continuous dyeing

3 - 6 g/l **Nestogen - RDL**

is recommended in the pad liquor for uniformity of the dyeing as well as good bath stability.

3. Grey dyeing of cotton yarn & knits in medium and dark shades with reactive dyes

0.5 - 1.0 g/l Nestodet-R

0.3 - 0.5 g/l Nestoquest-SWN

Treat at 85 deg.C for 15-20 min., cool the bath below required dyeing temperature,

add 1 g/l **Nestogen - RDL**

Circulate for 5 mins. and carry out isothermal dyeing as recommended by dyestuff manufacturer.

4. Dyeing of Bleached Yarn in package form

0.5 - 0.7% **Nestogen - RDL** - regular dyes

1 - 1.2% **Nestogen - RDL** - critical & poor solubility dyes

5. Print Paste

0.3-0.5% **Nestogen - RDL**

Note:

For all above processes half quantity of **Nestogen - RDL** to be added during dissolving of the dyestuffs and balance quantity to be added in the dyebath / padding liquor.

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

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