

TD/D/02-01

December 2018

Nestogen PLA

(Non-ionic leveling agent for disperse dyes)

Nestogen PLA is a leveling agent and stripping and synchronising agent for disperse dyes on polyester.

Features

- ✓ **Nestogen PLA** is an excellent leveling agent for disperse dyeing of polyester.
- ✓ **Nestogen PLA** strips disperse dye from polyester and hence can be used for faulty dyeing correction.
- ✓ It can be used as reduction clearing assistant as it removes superficial dyes and improves fastness properties.
- ✓ It can be used in the application of optical brighteners.
- ✓ **Nestogen PLA** is non -toxic.

Type

Non-ionic

Constitution

Ethylene oxide condensate of Veg. oil

Appearance

Lemon yellow to brown clear viscous liquid

Solubility

Easily soluble in water, organic solvents, liquid fatty acids, common vegetable oils and mineral oils.

Compatibility

Compatible with weak alkalies and acids particularly at lower temperature.

Storage

Stable under normal conditions.

Application

1. As Dye Leveling agent

Set the dyebath at 60°C with

Nestogen DAN	0.5-1.0 g/l
Nestogen PLA	0.25-0.5 g/l
Acetic acid/buffer	to pH = 4.5 to 5.0

Carry out normal dyeing cycle.

2. As Stripping agent for repair of faulty dyeing

For 20-30% reduction in depth

Acetic acid to pH = 4.5-5.5

For 60-70% reduction

Caustic soda to pH = 9.5-10.5

Nestogen PLA 2.0-4.0 g/l

Treat for 30 minutes at 130°C.

3. As Reduction clearing assistant

Nestogen PLA 2 g/l

In the reduction clearing bath with sodium hydrosulphite and caustic soda and treat for 30 mins at 70°C.

The product appearance varies from batch to batch. The colour & viscosity may vary from batch to batch and colour 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.

Head Office Address: Plot No – 538 , GIDC, Pandesara, Surat – 394221

 Contact No. - +91 8306083020 , +91 9377781836 || Website : www.nestorindustries.com