



## **NESTOGEN - DAN**

A high performance dispersing agent especially suitable for dispersion stability during dyeing of polyester in HTHP machines

### **HIGHLIGHTS**

- Prevents agglomeration of dyestuff during the heating and cooling stages, ensuring level dyeing.
- Ensures optimum brightness and colour clarity even in pale shades and in presence of optical whiteners
- Has excellent dispersing action on polyester oligomers and hence can be used as a cleaning agent for oligomer deposits.
- Suitable for one bath dyeing of polyester / cellulosic blends due to improved dispersion stability in presence of electrolytes.
- Stable under acid and alkaline conditions
- High efficacy makes it effective at low concentrations.

### **PROPERTIES**

**Appearance**                      **Brown liquid**

**Ionic character**                  Anionic

**Miscibility**                      Miscible in cold water

**Stability**                      **Nestogen DAN** is acid, alkali, hardness and electrolyte-resistant even under high-temperature dyeing conditions.

**Compatibility**              As an anionic product, it is quite compatible with all anionic and non-ionic auxiliaries.

**Effect**                      **Nestogen DAN** stabilises dye dispersions and thus contributes to increasing the degree of fastness and the levelness of the dyeing; it has no wetting or cleaning effect. In acid baths, the product has an affinity to animal fibers such as wool and silk, and also to polyamide fibers.

**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.

Head Office Address: Plot No – 538, GIDC, Pandesara, Surat – 394221  
Contact No. - +91 8306083020, +91 9377781836 || Website : [www.nestorindustries.com](http://www.nestorindustries.com)

## APPLICATION

### 1. Dyeing of 100% polyester yarn

Nestogen DAN - 0.5 – 1.0 gms/lit

Higher dosage is recommended for lighter depths

### 2. Dyeing of polyester/cotton blended yarn

Nestogen DAN - 0.5 – 1.5 gms/lit

Higher dosage is recommended for lighter depths

### 3. Dyeing of 100% polyester fabric

Nestogen DAN - 0.25 – 0.5 gms/lit

### 4. Dyeing of polyester/cotton blended fabric

Nestogen DAN - 0.5 – 1.0 gms/lit

### 5. Dyeing of 100% polyester fabric –padding method

Nestogen DAN - 0.5 – 1.0 gms/lit

### 6. Reduction clearing bath

Nestogen DAN - 0.5 – 1.0 gms/lit

**Storage** : Stable under normal conditions.

**Packing** : Available in 50 kgs. and 210 kgs. carbouys

**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.

Head Office Address: Plot No – 538, GIDC, Pandesara, Surat – 394221  
Contact No. - +91 8306083020, +91 9377781836 || Website : [www.nestorindustries.com](http://www.nestorindustries.com)