

# TECHNICAL BULLETIN

## Textile Processing Compound



Let You LEAD The Process

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### Nestolink - ALM

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#### Wrinkle Free Finish

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**Nestolink - ALM** is an ultra low formaldehyde cross linking agent for cotton and polyester/cellulosic blends to impart durable press finish with very low free formaldehyde. It can also apply at high temperature. With Nestolink - ALM, DP rating of 3.5 can be obtained depending on recipe and process. Nestolink - ALM is also suitable for DP finishing of garments by spraying or soaking technique.

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#### Features

- Ultra low formaldehyde
  - Efficient cross-linking
  - Suitable for outerwear to meet Oekotex requirement
  - DP rating 3+ can be obtained depending on the recipe
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Type	Nonionic
Constitution	Acylamide Derivative
Appearance	Colourless to pale yellow clear liquid
pH	4 +/- 1
Solubility	Readily soluble in water.
Storage	Stable under normal conditions.

#### Application

**Nestolink - ALM** is exhaustible and durable softener which is suitable for both exhaust and pad application and gives soft handle with very good bulk and is more suitable for cellulose.

(1) Padding on all types of fibres (Durable press finish)

- Pick-up : 65-70 %
- Bath pH : 5.0-6.0
- High temp.curing : 150-160 deg.C, 3-4 mins.
- Shock curing : 170-180 deg.C, 30-45 sec.

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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### **Suggested Recipe**

#### **1. 100% Cotton Shirting & Cotton B/W**

- Nestolink – ALM : 60-120 g/l
- MgCl<sub>2</sub> : 12-25 g/l
- Citric acid : 0.3 g/l
- Nestosil XT Plus : 5-15 g/l
- Milky Soft : 20-30 g/l

#### **2. Polyester / Cellulosic blends**

- Nestolink – ALM : 40-60 g/l
- MgCl<sub>2</sub> : 8-12 g/l
- Citric acid : 0.3 g/l
- Nestosil XT Plus : 5-15 g/l
- Milky Soft : 20-30 g/l

#### **(2) Exhaust method ;**

- Bath pH : 4.5 - 5.0
- Bath Temp. : Room temperature
- Time : 10-30 mins.
- Hydro extract, Tumble dry
- Drying : 125-160 deg.C, 3-5 mins.

### **Suggested Recipe**

#### **1. Wrinkle free treatment of garments**

- Nestolink – ALM : 6-12 %
- Ultra Soft - 36H : 2-3 %
- Nestofin BS : 1-2 %
- MgCl<sub>2</sub> : 1.2-2.4 %
- Citric acid : 0.3 %

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