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## TECHNICAL LITERATURE

### Siltex 30251 NEWOL-M

Siltex 30251 NEWOL-M is a Phenol- and cresol-free wetting agent for mercerizing of woven and knitted cotton fabrics as well as cotton yarns.

**CHEMICAL NATURE** : alkyl Sulphate

#### **CHARACTERISTICS**

**Appearance** : Clear liquid  
**Ionic Nature** : Anionic  
**Solubility / Emulsifiability** : Soluble in cold mercerizing liquors.  
**pH value of 10% solution** : About 8  
**Resistance** : Resistant to caustic soda up to 34o Be.  
**Storage** : At least 12 months if properly stored  
**Stability to frost** : Not sensitive to frost

#### **APPLICATIONS**

- Rapid and even penetration of the liquor into the cotton articles
- Acceleration of cold mercerizing
- Instant deaeration of the cotton articles during dry-in-wet procedure
- Increase of fabric-liquor interchange during wet-in-wet procedure
- Higher glaze of the mercerized articles
- Low foaming

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#### **APPLICATIONS FIELDS**

Siltex 30251 NEWOL-M is used in mercerizing processes with usual caustic soda concentrations ranging from 28 - 30°Be.

The application of Siltex 30251 NEWOL-M in the manufacture of crepe by steeping in caustic soda shows excellent results due to fast shrinking of the cotton fibre.

#### **GUIDING RECIPE:**

Siltex 30251 NEWOL-M is added undiluted to the mercerizing liquor. After longer standing of the baths the product may slightly cream up. Homogeneous mercerizing liquor is readily obtained again by stirring or pumping. However, the effectiveness is not influenced.

The application quantities of Siltex 30251 NEWOL-M depend on the specific parameters of the goods to be mercerized, the caustic soda concentration of the liquor and the machinery conditions.

The following values can serve as a general guide:

#### **Mercerizing in the grey:**

5 – 10 g/l                      Siltex 30251 NEWOL-M

#### **Mercerizing of boiled off or bleached materials:**

2 - 4 g/l                                      Siltex 30251 NEWOL-M

For especially problematic materials the quantity of the wetting agent can exceed 10 g/l.

Practical experience has shown that deposits on machines parts can be avoided by adding 1 to 2 g/l Siltex 30251 NEWOL-M to the mercerizing or washing liquor.

**NOTE:** The information contained in this data sheet is the results of careful tests carried out objectively. Their purpose is to help our customers but do not imply any engagement on our part.