

**NEWROX-FNT** shows on natural and synthetic fibers or their blends such as T/C and so on. Especially it shows excellent efficiency to prevent habitation of mildew on condition of high humidity, if it is used together with a sizing agent in sizing.

## ◆ SPECIFICATION

### \* APPEARANCE

Uniformity Liquid Nonionic

### \* IONIC NATURE

7.0 ± 1.0

### \* pH (1% aq. Sol'n)

1.05 ± 0.05

### \* SP.GR(at 25°C)

Easily soluble in cold water.

### \* SOLUBILITY

Min.1yearunder cool and dry conditions when stored in original sealed, packaging.

### \* STORAGE STABILITY

Compatible with anionic, nonionic and cationic materials.

### \* COMPATABILITY

1) **NEWROX-FNT** shows excellent efficiency on preventing the propagation of mildew and various kinds of bacteria.

2) It has sterilizing and insecticide powers of over 500 times as compared with phenol.

3) Because of its good solubility, it gives good workability.

4) It doesn't affect physical properties such as a change of color and so on.

5) It is convenient to use **NEWROX-FNT** because it has low viscosity. Also **NEWROX-FNT** is stable over wide pH ranges.

6) It can be used with all water-soluble resins, and has good storage stability.

7) If **NEWROX-FNT** is used together with the sizing agent in a sizing process, it prevents mildewing on textile, although it is stored for a long time.

8) It is environmental-friendly product as APEO-free and NPEO-free.

## ◆ FEATURES

## ◆ APPLICATION FIBERS

Suitable for all kinds of fibers such as Cotton, Polyester, Nylon, Wool, Silk, Acryl, etc.

## ◆ HOW TO USE

According to kinds of fibers, processing methods and the period of storage, recommended use levels are as Follows:



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## ◆ RECOMMENDED RECIPE

1) Recommended recipe for blending with PVA and Acryl size

- PVA and Acryl size : 100%(wt%)
- **NEWROX-FNT** : 0.1-0.3%(wt%)  
: Uniformly blending at 50-60°C.
- Blending conditions

2) Recommended recipe for blending with starch-based size

- Starch-based size : 100%(wt%)
- **NEWROX-FNT** : 0.2-0.5%(wt%)  
: Uniformly blending at 50-60°C.
- Blending conditions

3) Recommended recipe for fibers stored for a long period

- **NEWROX-FNT** : 20-30 g/ℓ
- Processing method : Padding at room temperature.
- Dry conditions : Dry 50-80 m/min at 170-180°C after  
passing 3 Kg/ cm<sup>2</sup> mangle.  
: 70%
- Pick Up

## ◆ PACKAGE

120 Kgs NET IN DRUMS.



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