

QX-701 has strong wetting/penetrating ability and emulsifying/dispersing ability and can be applied to Cotton, Rayon, Polyester and T/C their blends. And it is low foaming wetting agent with scouring effect which gives excellent wetting/scouring effect to those fibers.

◆ SPECIFICATION

* APPEARANCE	Light Yellowish Liquid
* IONIC NATURE	Anionic/Nonionic
* pH (1% aq. Sol'n)	7.0 ± 1.0
* SP.GR(at 25°C)	1.05 ± 0.05
* SOLUBILITY	Easily soluble in cold water.
* STORAGE STABILITY	Min. 1 year under cool and dry conditions when stored in original sealed, packaging.
* COMPATABILITY	Compatible with anionic and nonionic materials.

◆ FEATURES

- 1) **QX-701** can rapidly penetrate into fiber-cells by its strong wetting/penetrating ability and shows good scouring efficiency removing weaving oil or various oil/stains.
- 2) **QX-701** is suitable for process of Cold pad batch
Because **QX-701** has good alkali resistance and wetting efficiency.
- 3) **QX-701** is Environmental-friendly product as APEO-free and NPEO-free.

◆ APPLICATION FIBERS

Suitable for Cotton, Rayon, Polyester, T/C fibers etc.

◆ HOW TO USE

Recommended use levels are 0.5-4 g/l according to kinds, density, thickness and types of fibers.



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◆ RECOMMENDED RECIPE

1. Alkali scouring of Cotton and T/C goods

1) Winch or Jigger Scouring process

- 98% NaOH : 6-10 g/l
- **QX-701** : 0.5-1 g/l
- **TS-CN** : 0.5-1 g/l
- Scouring conditions : Scouring for 60 min at 95~100°C
- Washing conditions : Washing hot and then cold.
- Bath ratio : Winch (1:20), Jigger(1:4)

2) Kier-boiling Scouring process

- 98% NaOH : 50 g/l
- **QX-701** : 0.5-1 g/l
- **TS-CN** : 0.5~1 g/l
- Scouring conditions : Scouring for 60 min at 95~100°C
- Washing conditions : Washing hot and then cold.
- Bath ratio : 1:4

2. One bath scouring/bleaching process of Cotton and T/C goods

1) Winch Scouring

- 35% H₂O₂ : 5-10 g/l
- 98% NaOH : 2 g/l
- **QX-701** : 0.5-1 g/l
- **TS-CN** : 0.5-1 g/l
- **CAMINOL** : 2-4 g/l
- Scouring conditions : Scouring for 30~60 min at 95-100°C.
- Washing conditions : Washing hot and then cold.
- Bath ratio : 1:15-1:20

2) Jigger Scouring

- 35% H₂O₂ : 10-20 g/l
- 98% NaOH : 2 g/l
- **QX-701** : 0.5-1 g/l
- **TS-CN** : 0.5-1 g/l
- **CAMINOLX** : 4-5 g/l
- Scouring conditions : 4 Cycles at 95-100°C
- Washing conditions : Washing hot and then cold.
- Bath ratio : 1:4



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◆ RECOMMENDED RECIPE

3. Continuous bleaching process of desized cotton goods

- 98% NaOH : 10-15 g/l
- 35% H₂O₂ : 30-50 g/l
- **CAMINOLX** : 6-10g/l
- **QX-701** : 0.5-1 g/l
- Scouring conditions : Steaming for 5-20 min.
- Washing conditions : Washing hot and then cold.

4. C.P.B recipe for 100% cotton goods

- 98% NaOH : 35 g/l
- 35% H₂O₂ : 60-80 g/l
- **CAMINOLX** : 8-12g/l
- **QX-701** : 8-12 g/l
- **TS-CN** : 1-2 g/l
- Pick Up : 90%
- Padding temperature : 25°C
- Batching time : 18-24 hours

5. The method to remove finishing oils

- Na₂CO₃ : 2-3 g/l
- **QX-701** : 0.5-1 g/l
- Scouring conditions : Scouring for 30-60 min at 80-95°C
- Washing conditions : Washing hot and then cold.

120 Kgs, 200 Kgs NET IN DRUMS.

◆ PACKAGE



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