

According to the high-quality synthetic fiber resulted from the development in fiber industry, various new-materials like micro mixtured yarn, hard twisted yarn, shaped yarn, mixed yarn made by different shrinkage are presently used. In a high-speed sizing treatment, these fibers are treated with oil-based agents or sizing agents including components like wax or silicone oil for the purpose to improve a lubricative property by decreasing F/F, F/M friction. **QX-600** is a scouring agent for new-synthetic fiber that can prevent a generation of all types of troubles by these components (like wax or oil). Especially it shows excellent efficiency in scouring of Greasy Wool or Wool Yarn.

◆ SPECIFICATION

* APPEARANCE	Yellowish Liquid
* IONIC NATURE	Anionic
* 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.
* ECOLOGY/TOXICITY	

◆ FEATURES

- 1) **QX-600** is an excellent scouring agent which can emulsify and disperse various materials which may cause trouble in a dyeing process by deeply penetrating into fiber-cells like Micro HDSF as well as HDSF, because it has excellent penetrating/dispersing and emulsifying/dispersing properties.
(HDSF: High Density Synthetic Fiber)
- 2) **QX-600** is suitable for a scouring agent for a continuous process, because it has an excellent penetrating property and good efficiency even in treatment for a short time.
- 3) Because **QX-600** has an excellent emulsification/dispersion property, it prevents redeposition of every pollutant on fiber by emulsifying/dispersing them completely.



QX-600

- Scouring/Emulsifying Agent For Wool Fiber

◆ APPLICATION FIBERS

◆ HOW TO USE

◆ RECOMMENDED RECIPE

◆ PACKAGE

- 4) Because of its alkali resistance and heat resistance,
QX-600 gives good whiteness on fiber after scouring.
- 5) Because QX-600 has hard water resistance, it has easy washability.
- 6) Because QX-600 hasn't cloud point even in
boiling, it keeps scouring efficiency even at high-
temp.
- 7) It is environmental-friendly product as APEO-free and NPEO-free.
- Suitable for Greasy Wool and Wool Yarn
- Recommended use levels are 1-5 g/ℓ according to kinds, density, thickness
and types of fibers.
- 1) Greasy Wool scouring
- 98 % NaOH : 0.5-1 g/ℓ
 - Na₂CO₃ : 1-2 g/ℓ
 - **QX-600** : 1-2 g/ℓ
 - Scouring conditions : Scouring for 60 min at 50°C.
 - Washing conditions : Washing warm and then cold.
- 2) Wool continuous scouring
- Na₂CO₃ : 1-2 g/ℓ
 - **QX-600** : 1-3 g/ℓ
 - Scouring conditions : 30-50 m/min at 50-60°C.
 - Washing conditions : Washing warm and then cold.
- 120 Kgs NET IN DRUMS.



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