

LEVELON-AXR shows excellent retarding/migrating efficiency in dyeing Nylon, Wool which can be dyed with acid dyestuff. Especially **LEVELON-AXR** as a leveling agent for acid dyestuff can be compatible with Levelling type, Milling type, Chrome dyestuffs, etc.

◆ SPECIFICATION

* APPEARANCE	Yellowish Brown Liquid
* IONIC NATURE	Nonionic
* pH (1% aq. Sol'n)	8.0 ± 1.0
* SP.GR(at 25°C)	1.05 ± 0.05
* SOLUBILITY	Easily soluble in warm and cold water.
* STORAGE STABILITY	Min. 1 year under cool and dry conditions when stored in original sealed, packaging.
* COMPATABILITY	Compatible with anionic, nonionic and cationic materials.

◆ FEATURES

- 1) **LEVELON-AXR** provides special levelling effect in dyeing nylon or wool with acid dyestuff.
- 2) **LEVELON-AXR** provides good levelling effect by promoting penetration of dyestuffs.
- 3) **LEVELON-AXR** prevents dyestuff spots which can be often occurred in yarn dyeing.
- 4) **LEVELON-AXR** shows good migrating efficiency as a levelling agent for acid dyestuff that is suitable for dyeing at room temperature (Jigger) and dyeing at high temperature (Rapid).
- 5) It is environmental-friendly product as APEO-free and NPEO-free.

◆ APPLICATION FIBERS

Suitable for Nylon and Wool fibers

◆ HOW TO USE

Recommended use levels are 1-2% (o.w.f) according to kinds of dyed materials, kinds of dyestuffs, concentration of dyestuffs and dyeing methods.



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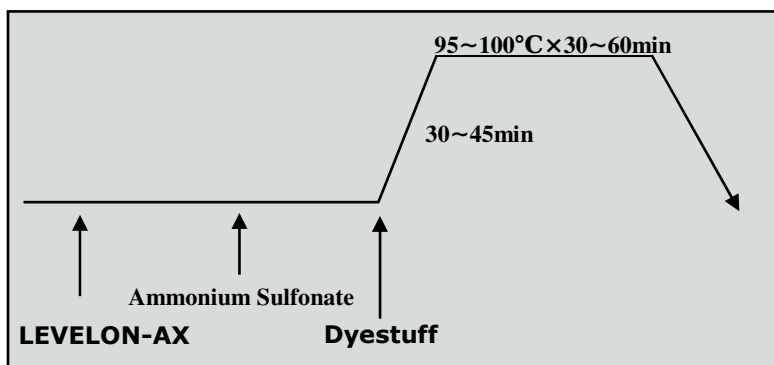
LEVELON-AXR

- Levelling Agent For Acid Dyestuff

◆ RECOMMENDED RECIPE

- Acid Dyestuff : x% (O.W.F.)
- **LEVELON-AXR** : 1 ~ 2% (O.W.F.)
- Ammonium sulfate : 3% (O.W.F.)
(or acetic acid) : Adjust to the pH 3.5 ~ 4.0
- Bath Ratio : 1 : 30 ~ 1 : 50
- Time and Temp. : 60 min at 95 ~ 100°C

◆ DYEING DIAGRAM



◆ CORRECTION METHOD OF DYEING SPOTS

- Modification of the faulty dyeing of wool and knitted nylon fabrics is as follows: use 2~3% **LEVELON-AXR** (O.W.F.), and treat it for 30~45 minutes at 85~95°C pH 3~4.
- In case it is used with acid dyestuff that has good levelling effect, **LEVELON-AXR** provides same effect even with 50% of the required amounts.
- If the faulty dyeing occurs although goods are dyed as above method, use **LEVELON-AXR** according to the correction process of the faulty dyeing as below.

- **LEVELON-AX** : 2 ~ 3% (O.W.F.)
- Ammonium sulfate : 3% (O.W.F.)
(or acetic acid) : Adjust to the pH 3.5 ~ 4.0
- Bath Ratio : 1: 30 ~ 1: 50
- Time and Temp. : 30 min at 95 ~ 100°C



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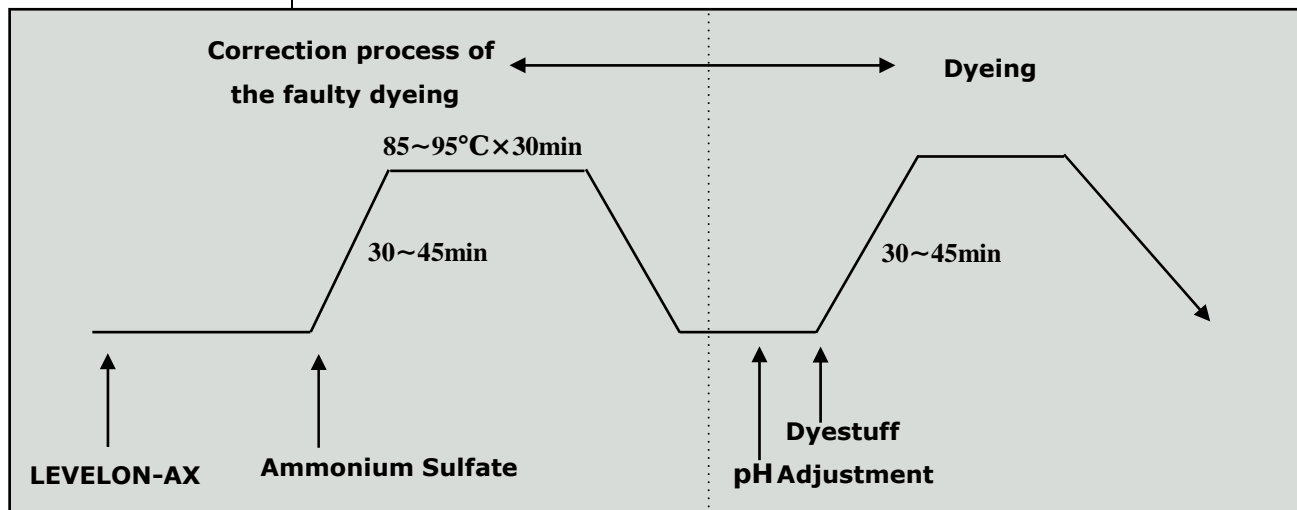
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◆ CORRECTION

METHOD OF DYEING SPOTS



◆ PACKAGE

120 Kgs NET IN DRUMS.



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