

AVCO-RON RWA

"WASHING OFF" AGENT

AVCO-RON RWA is a non-surface active dispersing agent used for the washing-off of acid dyes, reactive dye and direct dye for dyed and printed process. The product offers high level of wash fastness properties to the treated goods which cannot be achieved with detergents.

SPECIFICATION:

Appearance	Colorless to pale yellow liquid
Chemical nature	Organic polymers in aqueous solution.
Compatibility	Compatible with hard water, alkalis and mild acids.
Density (gr/cc)	App. 1.10
Ionicity	Anionic.
pH (10%)	6.5 – 7.5
Solubility	Soluble in water at any proportion.
Storage stability	Stable for at least 12 months.

PROPERTIES & USES:

AVCO-RON RWA has well balanced properties of a good dispersing agent, sequestering agent and a protective colloid which offers the following advantages:

1. AVCO-RON RWA prevents re-deposition of the hydrolysed reactive dyes, unfixed dye as vat, direct and acid dye on to fibres surface in the end of the dyeing process.
2. AVCO-RON RWA is sequestering and dispersing calcium and magnesium present in the water which may interfere in the washing-off process.
3. AVCO-RON RWA is non-foaming at all, and can be used in all types of high speed jets.
4. AVCO-RON RWA has anti-back staining effect, so it is very suitable for printing process.
5. AVCO-RON RWA has no influence on dyestuffs containing metal complexes in the molecule structure, and produces no change in shade and no decrease in normal light fastness of dyestuffs.
6. Improves the rubbing fastness and wash fastness of dyed and printed goods.

The information given in this bulletin is, to the best of our knowledge accurate. It is intended to be helpful is not to be considered a guarantee.

Date: *05/18 Code RON RWA – page 1 of 2

7. AVCO-RON RWA will give the best washing performance at pH: 7-9.

APPLICATION:

General dosage recommended is 0.5-1 g/l.

For critical dyes such as Reactive Turquoise it is recommended to apply a fixing agent such as 1-2% AVCO-FIX FFC-T (fixing agent free of formaldehyde) after the soaping-off process.

TYPICAL METHODS

- **Soaping off reactives in jets:**
(Vinyl-sulphone & MCT type dyes)
 1. Rinse cold.
 2. Rinse at 60°C
 3. Boil with 0.5-1 g/l of AVCO-RON RWA, pH : 7-9
 4. Neutralize at 50°C.
 5. Rinse at 50°C or fixing with Avcofix FFC-N if need.

- **Soaping-off reactives in open width continuous washing machines:**
(Fabrics dyed by pad-batch method with silicate)

Box no. 1 - - Rinse cold with overflow.
Box no. 2 – 40° - Rinse warm.
Box no. 3 – 70°C - Rinse hot.
Box no. 4 – 95°C - Soap at the boil with 1-2 g/l AVCO-RON RWA.
Box no. 5 – 95°C - Soap at the boil with 1-2 g/l AVCO-RON RWA.
Box no. 6 – 95°C - Soap at the boil.
Box no. 7 – 70°C - Rinse hot.
Box no. 8 – 40°C - Rinse warm.
Counter current from box 8 to box 4.
Feeding liquor to box no. 5.