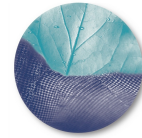




Gammacolor s.r.l.
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Associazione Tessile e Salute
Azienda associata

p.IVA 00736390964 C.F. 02639210158 c.c.i.a. Milano n. 927455 Codice ISS azienda 00736390964

ACQUAMOLLAN AC

Chemical nature : the combination of organic acids in part salified

Appearance: yellowish liquid , pumpable easily

pH at 20 ° C. : 2-3

Ionic : anionic

Compatibility: Good with electrolytes , acids and alkalis in the normal concentrations of use in the textile field

Stability: approx. 1 years .

Once, the natural cellulosic fiber was scoured with acids , such as oxalic acid , which had the purpose of solubilizing , at least in part , the alkaline earth salts , metal salts and natural colored substances . It had the disadvantage, however , that during the next wash of salts mentioned could re-deposited on the fiber. The Acquamollan AC has pretty much the same effect of the acids , with the difference that acts more deeply and completely and as takes a real chelation by ionization , you do not have the re-deposited on the fiber of drugs seized . The Acquamollan AC is a multifunctional compound complexing that develops in the bath acidic environment and acting on unwanted substances of natural cellulose flock. after the processing the goods are softer and free as much as possible of the metallic impurities , avoiding, in subsequent bleaching treatments with hydrogen peroxide, formation of oxycellulose , which would affect the fiber , degrading it . Treatment with Acquamollan AC prepares the goods so deep that it is sufficient a normal oxidative bleaching to obtain a good whiteness . The Acquamollan AC must be applied with a detergent – wetting, stable to the acidic environment , which helps to make the product penetrate and emulsify the substances extracted . The Acquamollan AC can be applied in the processing of desizing ; logically it is necessary to use stable enzymes acidic environment .

The Acquamollan AC performs still complexing action even in an alkaline environment , without however, matching the results of the acid treatment .

RECIPES

Desizing : 3-5 g / l Acquamollan AC

1.5-3 g / l Netzer SAN nte 240 co/ T

2-4 g / l Sbozzima nc . liq.

at 60 ° C for 1 hour . R.B. = 1:10 - 1:5 followed by washes.

scouring : As for the desizing , however without enzymes .

scouring through cold pad batch:

4 -8 g / l Acquamollan AC

2 -4 g / l Netzer SAN / T

3 -6 g / l Sbozzimante 240 conc . liq. (if you must make simultaneous desizing) for more than 6 hours at room temperature . after: hot and cold washes .

continues scouring :

8 to 10 g / l Acquamollan AC

3-6 g / l Netzer SAN / T

for 1-5 ' in Steam or in a U -Box . Following hot and cold washes .

TREATMENTS :

In discontinuous : 2-4 g / l Acquamollan AC

1.5-3 g / l Netzer SAN / T

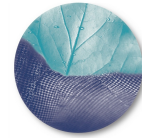
at 70 ° C for 30 - 40m ' R.B. 1:10 = -1: 5 Following hot and cold washes .

In continuous : 8-10 g / l Acquamollan AC

3-6 g / l Netzer SAN / T



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50 - 80cc / l caustic soda 36 ° Well for 2 - 15 ' at 100 ° C in saturated steam.
Followed by washes hot , warm and cold .

Keywords: scouring, degreasing, chelating, complexing, desizing, sequestering

The information contained in this circular are based on our current knowledge and experience. these data do not relieve the user from conducting its tests , to tailor the product to their needs processing . Our data can not derive a legally binding assurance of certain quality or property for a specific field of endeavor.

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