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Associazione Tessile e Salute
Azienda associata

GAMMASOFT OC

Softener of general use, particularly suitable for PAC fibers

CHEMICAL-PHYSICAL CHARACTERISTICS:

Appearance: milky liquid.

Chemical constitution: condensation product of stearic acid.

Ionic charge: cationic.

Compatibility: with cationic and non-ionic products.

pH: about 4.

Behavior in water: dilutable in water in every ratio.

Warehouse stability: good in normal environmental conditions.

PROPERTY:

GAMMASOFT OC is stable to acids and hard water in all concentrations of use. The product can be used as a general purpose softener for all fibers, however it exhibits its best softening and antistatic properties with pure acrylic fibers. On this fiber, very smooth and soft hand effects are obtained already with small quantities of product.

GAMMASOFT OC is also particularly indicated as its softening and antistatic action does not decrease after heat treatments at high temperatures.

GAMMASOFT OC, thanks to its cationic charge, has a notable affinity towards the textile supports and is therefore perfectly usable with the exhaustion method even when working with particularly long bath ratios.

USE:

The product is applicable by padding, in the apparatus and with the exhaustion method; in any case, an excellent finishing homogeneity is achieved.

For the exhaustion method and in the apparatus it is advisable to set up the treatment bath at a slightly acidic pH (5 - 5.5) with:

GAMMASOFT OC 0,5 - 3% on fiber weight.

Working at 40 ° C for 20 to 30 minutes.

Applying GAMMASOFT OC by padding, set up the bath with:

GAMMASOFT OC 5 - 20 g / l.

Typically for 100% squeezing effects.

In general, these quantities are sufficient to provide adequate antistatic properties for any subsequent processing

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