



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

GAMMAFIX XGM

Charge modifier for cellulosic and wool substrates
Cationic reactive resin for vintage/old effect

APPEARANCE:

White emulsion

CHEMICAL NATURE:
polymers and

Aqueous emulsion of
amino derivatives

IONIC NATURE:

Cationic

pH:

5/7

SOLUBILITY:

Soluble in water in all ratio

STABILITY :

- sulfates -

- Good in acid
- Good in the presence of
electrolytes (chlorides
nitrates)

- Good with hard water

INCOMPATIBILITY :

With anionic products

PROPERTY:

Gammatrix XGM, is a special product for modifying the chemical character of the cellulose fibers and wool.

It is used for switching ionic charge of these fibers whether staple yarn (skein or reel), garment, orthogonal or knit fabric.

It also acts on the mixed cotton and / or mixed wool, where, however, these two fibers are in the majority.

APPLICATION

Gammatrix XGM, is dosed on the material purged and with good wetting properties even with cold bath.

Dose calculation of products in gr / It refers to a liquor ratio 1:10.

Cold start, at a pH from 4.5 to 5 (strictly adhere to the values reported)

Circulate for 10 minutes so that all the material is stably at the pH above.



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Re-check the pH of the bath and if necessary, correct and try again.

Add 4-5% Gammafix XGM into three portions every 5 minutes.

Circular for 10 minutes after the last addition of product.

Bring the temperature up to 70 ° C (1 ° C / min.) and maintain for 20 minutes.

Add 2g / lt of sodium carbonate in three steps, every 10 minutes (0,2gr / lt - 0,5gr / lt - 1,3gr / lt). At the end maintain for 20 minutes.

Waste the bath for the operations on staple or skein, do a good overflow wash on knit fabric

Start dyeing in a cold, slightly acidic bath , adding:

% premetalized monosulfonic dye on cellulosic fibers

% Reactive dye on cellulose fibers (bifunctional reactive dyes), on protein fibers (wool and silk). For marine-black shades use reactive black 5 (NERO GAMMAZOL B)

Rise to 98 ° C and in the case of dark and intense dyeing, exhausting with small amount 'of acetic acid.

Then do the following post-dyeing:

SOAPING: 60 ° C for 20min. with 1 gr / lt Gamol Plus

Keywords: Cationizing, Fixer, Charge Modifier, cellulose, wool, cationic, reactive, direct

The information contained in this circular are given according to our best knowledge and experience, however, given the multiplicity of systems of work and applications we can not assume guarantees for the individual case
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