



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

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GAMMAFIX IGZ

Special indigo dye fixer on cellulosic fibers, recommended for special effects on cotton and viscose garments.

CHEMICAL / PHYSICAL FEATURES:

Physical aspect: yellow-brown liquid

Chemical constitution: polyamide resin

Ionic charge: cationic

pH product as it is: approx. 3

Density at 20 ° C: approx. 1.04 g / cm³

Solubility in water: complete

Storage stability: excellent at normal environmental conditions. Protect from frost.

Gammafix IGZ has been developed to increase the rubbing fastness of indigo and sulfur dyed fabrics.

Gammafix IGZ is highlighted by the common fixers for the following advantages:

- 1) It allows to increase the rubbing fastness of indigo and sulfur dyes
- 2) The indigo-dyed fabric treated with Gammafix IGZ reduces the abrasion effect in the manufacturing processes with pumice stone
- 3) The use of Gammafix IGZ in garments, before Stone Washed, avoids the discharge of indigo dye
- 4) Gammafix IGZ is stable in the processes of discoloration with Laccase; it is not stable in decoloring with sodium hypochlorite.

FABRIC TREATMENT

Pad impregnation with:

Gammafix IGZ 30 - 50 g / l

70-80% absorption - drying at 110-150 ° C

DISCONTINUOUS PROCESS (garment)

Gammafix IGZ 2 - 4% with liquor ratio 1: 5 - 1:10

Temperature 30 ° C for 4-6 minutes

Bring to 60 ° C and keep the temperature for 10 minutes.

During the ascent phase of the Gammafix IGZ, the pH should be kept between 6 and 6.5.

Wash and continue according to the required Stone Washed processes.



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If you want to get more fastness you can dry the garments before starting the Stone Washed process. When light-dark effects are required, the garment is washed with patches, or according to the desired design with a solution consisting of:

500 gr. of Gammafix IGZ

500 gr. of water

Then it dries well in Tumbler and then proceeds to complete the operation of enzymatic Stone Washed and pumice stone, then you clean the garment well with 2% detergent, thus obtaining a very nice contrast.

Gammafix IGZ enables excellent light-dark effects.

Spraying the Gammafix IGZ on the ready to dye garment, dry at 90-100 ° C for 2-3 minutes and dye with the suitable direct or reactive dyes to obtain the desired final color.

Recommended recipe for spraying:

Gammafix IGZ gr. 500

GAMMAPRINT 2M gr. 500

tot. 1000

disperse well. Spray and dry.

Recommended recipe for printing:

Gammafix IGZ gr. 300

GAMMAPRINT 2M gr. 700

tot. 1000

print and dry. Proceed with dyeing with direct or reactive dyes.

Keywords: fixer, indigo, fixing agent

The above data are the result of accurate studies and/or of the experience acquired; however, they are to be taken as an indication and in any case with no guarantee on our side as far as employment is concerned. The data contained in this data sheet are not to be regarded as technical specifications. For information, please contact: info@gammacolorsrl.com