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## GAMMAFIX TN

Gammafix TN is a post-treatment product for improving wet-treatment fastness of dyeing and printing with reactive and direct dyes on natural and regenerated cellulose fibers.

Chemical and physical characteristics: Amber-colored liquid composed of polyammonium

Ionic character: Cationic

pH sol. 1:10: 5-6

density at 20°C: 1.19

Stability: Gammafix TN is stable to water hardness, electrolytes, acids, and alkalis at normal textile concentrations. The product is sensitive to freezing and temperatures above 40°C. Under these conditions, the product may be permanently altered.

Properties: Does not cause yellowing and does not affect the fabric's feel. Does not affect lightfastness. Compatible with optical brighteners. Can be used with crease-resistant agents. It can be used in printing paste.

Solubility: In cold water at any concentration.

Application: Dyes or prints must be thoroughly washed and free of anionic agents before using Gammafix TN.

Dosage: 2-3% at pH approx. 5-7 for 20-30 minutes at 20-40°C.

When applying at padder, a small container is required to quickly renew the bath.

Cationization:

On cotton, 3% of the product at 80°C for 20 minutes at pH 5-6.

On wool, 3% of the product at 80°C for 20 minutes at pH 7.

Product discharge: 4-5 g/l of Gamma Plus at pH 4-4.5 for 30-40 minutes at 98°C. Follow with hot and cold washes. If you also want to remove the dye, we recommend: blank vat in the presence

of 3-5 g/l of Gamol Plus at 80°C for 30-45 minutes. Follow with cold washes and post-treatment

with 4-5 g/l of Gamol Plus at pH 4-4.5 for 30 minutes at 98°C. Then wash in hot and cold water.

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

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: e-mail address [info@gammacolorsrl.com](mailto:info@gammacolorsrl.com)