



Gammacolor s.r.l.
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Sistema di gestione qualità
certificato secondo la UNI EN ISO
9001:2015 da Certiquality.

p.IVA 00736390964
Cod.Fisc. 02639210158
c.c.i.a. Milano n. 927455
Codice APP/ISS azienda 00736390964



Associazione Tessile e Salute
Azienda associata

GAMMAPRET MP

Waterproofing product suitable for all fibers

Chemical composition: microwax plus zirconil-derivatives

Appearance: Lactescent fluid liquid

Density at 20 ° C: 1.03 g / cm³

ionic character : Cationic

pH (100 g / l solution): 4.0

hard water stability : Excellent up to 20 ° dH, in acid solution for acetic acid
(pH <4.5)

electrolyte stability: Limited,to be checked with catalysts for anti-crease resins

Stability to changes in pH: max 4.5

storage stability : Excellent under normal environmental conditions for 6 months. Protect from frost and avoid temperatures above 40 ° C.

compatible substances :

Fluoro-compound and water-repellent silicones,
urea-formaldehyde and reactive anti-crease resins,
ammonium sulfate type catalysts,
colloidal silica for non-slip finishes,
polyethylene emulsions

Incompatible substances: all the anion-active compounds

Preparation

Gammapret MP is added to the water of any hardness; the pH of the water must be slightly acidic (pH less than 4.5), by adding acetic acid in the ratio of 0.5-1 g / l.



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Application

Cotton and its blends with synthetic fibers (fabric)

a) waterproof finish
50-100 g / l Gammapret MP
Drying at 100-120 ° C

synthetic fiber fabric

waterproof finish (for rain cover) in nylon or mixed nylon / acetate
60-80 g / l Gammapret MP
Drying at 100-120 ° C

6) Wool and its blends (fabric)

The application of Gammapret MP on woolen fabrics can be carried out with normal pad equipment.

we recommend:

20-50 g / l Gammapret MP
Following drying at 80-120 ° C.

Warnings It is absolutely essential to operate in an acid environment and consequently, in addition to initial water acidification, it must be ascertained that the tissues to be treated do not contribute to alkalinity. The fabrics to be treated must not contain surfactants that would reduce the effect of water repellency. The application is done cold or in any case at a temperature not higher than 40 ° C. The treated fabrics must be dried as usual at temperatures not below 80 ° C. It must be said that higher temperatures (110-120 ° C) make it possible to significantly improve the effect of water repellency and washing stability, even though it does not require polymerization and catalysts.

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**

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