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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

## GAMMAPRET HS

Aqueous thermoplastic resin dispersion with reaction booster, for locked reactive functionality, with soft and resilient effects (improved ironability).

### **Chemical-physical characteristics**

Appearance: Colorless liquid

Chemical nature: Non-ionic stabilized aliphatic polyurethane with blocked reactive functionality

Ionic charge: Non-ionic

pH: 6 – 8

Specific weight: approx. 1.00 g/cm<sup>3</sup>

Compatibility: Compatible with non-ionic, cationic and anionic products

Storage: Stable for 6 months under normal storage conditions. We recommend closing the containers well after each withdrawal.

Handling and safety: Information relating to handling and safety conditions is given in the product safety data sheet.

### **Property**

- Gives high hydrophilicity to treated articles with solid effects on maintenance, especially on polyamide articles.
- Allows you to obtain extremely soft, full and resilient hand effects, with effects that are resistant to maintenance.
- Can be used for foulard impregnation treatments; the cross-linking of the product occurs above 130-140°C.
- Preferably indicated in combination with hydrophilic products, especially hydrophilic silicone softeners. With other types of products we recommend checking the possible influence of the final hydrophilic properties on the articles.
- Improves elasticity and recovery power after deformation of the treated articles, especially if elasticized or knitted.
- Can be used in combination with glyoxal resins to improve wash-and-wear characteristics, crease recovery and elasticity.
- At normal drying temperatures it does not alter the whiteness of optically bleached articles.
- Minimal influence on the color tone of the treated articles.



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- Improves resistance to pilling on polyamide articles.
- Suitable for articles to be brushed or sanded; its use allows you to obtain "suede" finishing effects.
- Free from formaldehyde.
- Not recommended on polyester related blended items.

### **Fields of application**

- Suitable for foulard finishing treatments.
- Not recommended on polyester related blended items.

Recipes and quantities of use

Scarf application on cotton and blended articles:

from 20 – 100 g/l. Treatment at pH 4.5 – 5. Drying and polymerization at 140-160°C.

Keywords: polyurethane, soft hand, hydrophilicity, hydrophilic, softener, elastic, stretch, suede.

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)