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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

GAMMAFLOUR P350

GENERAL CHARACTERISTICS

It is a product made of fluorine-free polymers; it does not contain and does not develop formaldehyde in application, it is therefore suitable for specifications with particular chemical restrictions.

It is a BLUESIGN® certified product.

Recommended for waterproofing any type of fiber, especially synthetic fibers, it gives spray-test 100 (ISO 5) and guarantees good solidity to repeated domestic washing, keeping the values even with air drying.

In critical cases, the spray test values are restored with ironing after washing.

Application studies also demonstrate resistance to dry cleaning, therefore GAMMAFLOUR P350 is also used on wool, polyamide and polyester microfibre.

APPLICATIONS

GAMMAFLOUR P350 can be used in combination with other auxiliaries such as acrylic and polyurethane dispersions.

However, we recommend carrying out compatibility verification tests and we recommend that the items to be treated be cleaned of foreign substances, in order to have maximum effect and reproducibility of the effects.

Foulard treatment:

On cellulosic fabrics

80 ÷ 100 g / L of GAMMAFLOUR P350

8 ÷ 10 g / L of aliphatic crosslinker

Pick up 70/80%. Drying 110 ° C for 90 sec. polymerization at 170 ° C for 60 sec.

On synthetic fabrics

60 ÷ 100 g / L of GAMMAFLOUR P350

6 ÷ 10 g / L of aliphatic crosslinker

Pick up 60/70%. Drying, 110 ° C for 60 sec. polymerization at 170 ° C for 60 sec.

On wool fabrics

60-90 g / L of GAMMAFLOUR P350

10 g / L of aliphatic crosslinker

Pick up 40/50%. Drying, 110 ° C and polymer. at 140 ° C for 30 sec.

We recommend adjusting and maintaining the pH of the bath between 5.0 and 6.0 throughout the processing phase.

If the bath has a pH higher than 7-7.5 the stability of the same is compromised.



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Exhaustion treatment:

On packaged garment

8% - 10% on commodity weight

Bathroom ratio 1:20 and over (with traditional laundry app) and moving material.

Do not use water above 30 ° C. Keep the pH of the bath between 5/6.

Use the GAMMAFLOUR P350 alone, without other products, as the last treatment we recommend for at least 30 min if 45 min better, unload the bathroom and do not rinse, centrifuge moderately to avoid creases and dry at 100/110 ° C. Then polymerize even at 150 ° C, and pass into ironing.

Possible "writing" effect may appear when the product is exceeded in quantity, in this case we recommend a cold calendering for fabrics or a blanking for the garments.

TECHNICAL FEATURES

Appearance White dispersion

Fluorine-Free Polymer Composition

Active 30%

Ionic charge Weakly cationic

pH 5 ± 1

Compatible with cationic and non-ionic products

Stability Avoid contact with strong oxidants, strong acids.

Solubility Easily dispersible in cold water

STORAGE

The product is stable for at least 12 months from the date of delivery if kept in the original packaging, away from heat sources and at a temperature between 5 ° C and 35 ° C.

It is recommended to shake the product before use.

Keywords: waterproofing

The data shown is the result of careful studies and / or of the experience gained, however they must be considered indicative and in any case without guarantee on our part for use.

The data contained in this form are not to be considered specific.

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