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GAMMAFLOR E5

GAMMAFLOR E5 is used for the water repellent and stain-resistant finish of all textile fibers, but especially for polyester and cotton / polyester blends. It has an excellent ease of use, efficacy and permanence to dry and wet washing. It's a fluorine-based monomer with six carbon atoms and therefore does not contain perfluorooctanoic acid (PFOA) and perfluorocarboxylic acids with a chain longer than eight carbon atoms (PFCAs) or their precursors.

APPLICATION

It is generally applied for padding. It is recommended that the items to be treated are well washed and free from residues of size, dyes, surfactants and alkalis that could decrease the repellency characteristics. The doses of use are determined according to the type of fiber to be treated and the level of performance required. Indicatively we suggest the following doses of use:

- Cellulose and CO / PA and CO / PL blends with prevalence of cotton: 20 ÷ 50 g / l
 - PA and PES alone or in combination with each other or with other synthetic fibers: 15 ÷ 40g / l
- Add GAMMAFLOR E5 prediluted as the last component in baths, regulated with acetic acid at an optimal pH of 5.5. Baths are stable to turbulence. After impregnation and pressing, the material must be dried and polymerised at a minimum temperature of 150 ° C. Drying and polymerization can be carried out in a single phase by calculating a permanence of the dry material in the ramouse of at least 20 ÷ 30 s at the indicated temperature.

TECHNICAL FEATURES

aspect : White milk dispersion
composition : Water-dispersed fluoropolymer
Active product: 30%
ionic charge: Non-ionic
pH (5% solution): 3.0 - 5.0
Density: 1 000 - 1 020 kg / m³
Solubility: easily dilutable in cold water

STORAGE

The product is stable for at least 12 months from the delivery date if kept in the original packaging under normal conditions

Keywords: water repellent, stain resistant, polyester, cotton, blends, fluorinated, fluorine, perfluorinated

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