

Fluorocarbon Free Water Repellent Agent NF-3093

FC-free water repellent agent is going to be the main trend in the textile market. However, most of the FC-free water repellent agents couldn't meet the requirements and expensive. For solving this issue, we developed the NF-3093 FC-free water repellent agent. NO APEO, no fluorocarbon, and imparts excellent water repellency to cellulose fibers.

Physical Properties

- Appearance : Milky white to light yellow opaque liquid
- Solid content : 20% ± 1%
- Iconicity : Cationic
- PH value : 3.0-5.0
- Composition: High polymer
- Solubility: Easy soluble in water

Characteristics

- The product imparts excellent water repellency to fabrics.
- It provides soft hand touch effect.
- Eco-friendly product. No APEO, no PFOS...etc.
- Nearly no affection to textile original colors.

Application

- Recommend dosage: (Please adjust accordingly and adjust the pH value carefully with using acetic acid.)

	General dosage	pH value of pH control agent
Poly	25~60g/L	4.0~5.0
Nylon	25~60g/L	4.0~5.0
Cotton	30~100g/L	4.0~5.0

- Standard processing terms:

Process	It will be changed based on the different fibers, functional purpose, and different pick-up ratios. Please refer to the general dosage below.
Processing procedures	Padding: 1 dipping and 1 nipping Drying: 110°C - 130°C x 1-3min Setting: 170°Cx 90-120 sec
Notice	Please prevent high-speed mixing. High shearing may damage the emulsion.

Package

120KG/plastic drum.

LIMITED WARRANTY INFORMATION – PLEASE READ BEFORE ANY APPLICATION:

- The data presented in this brochure are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt.
- We reserve the right to alter product constants within the scope of technical progress or new developments.
- The recommendations made in this brochure should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used.
- The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights or patents and, if necessary, clarifying the position.
- Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.
- We disclaim any responsibility for any dispute regarding product quality between agent and end user.
- Our sole warranty is that our products will meet the sales specifications in effect at the time of shipment.