

Waterproofing agent WF-711F

Chemical Structure

Fluorocarbon octene copolymer

Technical Index

Item	Standard
Appearance	Milky white to pale yellow emulsion
Solid Content, %	34.0-35.0%
PH Value (1% water solution)	2.0-5.0
Ionic	Weak cationic

Features and Advantages

1. It endows various fabrics with excellent water resistance and general oil resistance.
2. Excellent washability.
3. Good stability, with little influence from residues from the previous process, dyes and auxiliary agents used, and good processing continuity.
4. Minor color change, little impact on hand feel, and will not affect the performance of the fabric.

Application

Suitable for waterproof finishing of cotton, polyester, nylon and their blended fabrics by the impregnation method.

Dipping method:

General waterproof treatment: Dosage 5-20g/L

Durable waterproof treatment: Dosage 20-60g/L; Mutual blending cross-linking agent 4-12g/L. The waterproof effect is better when used together.

One dip and one rolling → Drying (under normal conditions) → Setting (160℃-185℃. 30s-90s)

To achieve the best waterproof effect, the fabric used for treatment must have the attached dyes and surface active agents and other processing aids removed well. Other substances such as resins and softeners can be used in the same bath. Please conduct compatibility experiments in advance. Otherwise, it may affect the waterproof and oil-proof effect and the stability of the working solution. The optimal pH value of the working solution is 5.0-7.0 (suggested to adjust with acetic acid or citric acid).

Package

120KG Plastic Drum or other packing on request. Sealed and light-proof storage.

