

Three-proof finishing agent WF-713F

Chemical Structure

High fluoride carbon 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	Cationic

Features and Advantages

1. This product endows various fabrics such as polyester, polyester-cotton, cotton, acrylic, and nylon with excellent waterproof properties. After being treated with the WF-713F three-proofing agent, the fabrics exhibit remarkable waterproof, oil-resistant, stain-resistant, and antibacterial capabilities, making clothes and household items less prone to contamination and maintaining cleanliness and hygiene.
2. Compared to ordinary coating water-repellent treatments, the WF-713F waterproofing agent has superior breathability and does not alter the color, appearance, or other properties of the fabric. It has minimal impact on the feel.
3. The WF-713F three-proofing agent can achieve perfect results with extremely low usage, and is more energy-efficient and environmentally friendly.

Application

1. WF-713F anti-wetting and anti-oiling finishing agent is suitable for various fibers for strong waterproof and oil-resistant finishing. It has excellent adaptability and strong anti-interference ability.
2. WF-713F anti-wetting and anti-oiling finishing agent endows various fabrics such as natural fibers, synthetic fibers and blended fabrics with excellent waterproofness, oil resistance and stain resistance.
3. WF-713F anti-wetting and anti-oiling finishing agent has good initial and durable waterproof and oil-resistant properties. It does not affect the style of the fabric and has a soft processing feel. The durability is even better when an appropriate cross-linking agent is compounded.
4. WF-713F anti-wetting and anti-oiling finishing agent is widely used in various fibers, fabrics, clothing, leather, non-woven fabrics and other fields. It can achieve perfect effects in various workwear, automotive accessories, transportation fields.



This product can be directly used by either the immersion method or the immersion-washing method during actual use. The processing procedure using the immersion-washing method is as follows:

The pH value of the bath solution: approximately 5.0 - 7.0 (suggested to be adjusted with acetic acid/ citric acid)

The temperature of the bath solution: approximately 20°C

Immersion-washing and drying (setting temperature: 130 - 180°C, 1 - 2 minutes)

Dosage: 5 - 10g/L (depending on the fabric properties)

Immersion-washing method: one immersion and one washing (depending on the fabric properties)

Wash-off rate: 40 - 60%

Package

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

