

Nano Coatings

PF-206 Water and oil-repellent coating concentrate

DESCRIPTION

PF-206 is an aqueous emulsion and containing no flammable solvents, the new C6-fluorocarbon shows full performance regarding water, soil and oil repellency after drying. Suitable for all fiber types, laminates, leather and hard surfaces.

TYPE

Textile self-cleaning nano coating

KEY

FEATURES

- Easy-to-clean effects
- Free of PFOA and PFOS
- Fabric color and handle are not affected
- Outstanding and durable oil, soil and water repellency
- No silicone-based and metalorganic compounds contained
- Resistant to washing and dry cleaning when combined with crosslinker
- Suitable for all fiber types, laminates, leather and textile surfaces

TYPICAL

PROPERTIES

Appearance	Yellowish milky liquid
Solid content (%)	20
pH (50% in water)	3.0-5.0
Density (g/cm³ at 20°C)	1.07±0.03
Viscosity (mPa s at 20°C)	30-150mPa s at 20°C
Dilute ratio	1:10

APPLICATION

- Fabric, Textile, Cotton, Wool, Polyester fabric, Suede/leather corduroy etc.
- Home application**
- Clean the textile products (clothes, shoes etc)
 - Dry it under room temperature
 - Dilute the PF-206 by mixing with water (1 part PF-206 to 10~12 parts water)
 - Spray the diluted solution on the textile products or dipping it into solution
 - Dry it under high temperature (>100°C) for 10-15min by using dryer, household electric iron, blower and laundry drier etc.



Eco-Friendly

NANO COATINGS



Non-Toxic

SINOGRACE

The Chemical Company

Industrial application

The preparation of solution

- Firstly, add the quantitative PF-206 into a container, and then the quantitative water is added into. Finally, stir the solution at a low speed until uniformity.
- While using it with crosslinking agent, penetrating agent, crease resistant resin and other additives together, all of these additives should be separately diluted and avoid additives raw solution mixing.

The recommended dosage

- Polyester fabric: 10~25 g/L
- Nylon fabric: 10~ 25g/L
- Polyester or cotton fabric: 15~40 g/L

The application method

- Pad-roll
- Predrying temperature: 100~120 °C
- Dry: Recommended 150-170 °C by the stenter setting machine for 60 seconds.

STORAGE

AND

HANDLING

- Available in 5L/barrel or 25L/barrel
- Store products in tightly closed original containers at 5-35 °C
- Shelf life: 12-15 months from delivery date
- According to non-dangerous goods transport

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