



TECHNICAL DATA SHEET

TOPS WR-251

Water and oil repellent fluorocarbon (C6)

Special properties

- Suitable for cellulose, nylon, polyester fiber, wool, and its blended fabrics for water and oil repellent processing
- It has excellent water repellency, even after repeated washing, it still has water repellent effect
- It has good oil-repellent properties, and it could prevent contamination
- The waterproof and oil-proof effect may be affected by the residual impurities fabric, such as fiber oil, slurry, surfactant or dyeing auxiliaries, etc. Therefore, we recommend to wash it before
- It has excellent wash ability. If it is required to wash more than 20 times, it is recommended to be use extender
- The pH value of the processing bath should be adjusted to 4 - 5

General properties

Chemical basis	Fluorocarbon resin dispersion (C6)
Ionicity	Weakly cationic
Form supplied	Milky white liquid
pH value	3.5 - 5.5
Solubility	Soluble in cold water
Storage	Store in cool place (5 - 35 °C or less) for at least 12months.

Application methods

General

The general amount based fibers classified as follows: measured by Dry on Wet (if pick up is low, it can proportionally increase the amount if necessary)

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Cotton, T/C	30 - 80 g/l	(150 - 180°C × 45 - 180 sec)
Nylon	30 - 60 g/l	(150 - 180°C × 45 - 180 sec)
Polyester	10 - 30 g/l	(150 - 180°C × 45 - 120 sec)