

AT-602

C-6 Water & Oil Repellent Agent

AT-602 is a newly developed C-6 fluorochemical type water and oil repellent agent. AT-602 gives a perfect water and oil repellent effect to natural fibers such as cotton, synthetic fibers such as polyester, nylon and their blends, mixtures.

Textile finished with **AT-602** shows the excellent initial water repellency.

General Properties

Composition	Fluoroalkylacrylate copolymer
Appearance	Slightly yellow-brown emulsion
Ionicity	Weakly cation
pH (100%)	3.0 ± 1.0
Solid contents (%)	Over 30

Features & Applications

- **AT-602** has a good repelling ability for natural fibers such as cotton and synthetic fibers such as polyester, nylon and their blends, mixtures.
- **AT-602** has little to no effect on fastness of rubbing and washing of the dyed goods.
- **AT-602** also has an excellent compatibility with other chemicals, and enables to combine with resin, anti-static agent, fire-retardant agent and silicone based repelling agent.
- **AT-602** shows a good chemical stability due to low sensitivity to pH.
- **AT-602** gives stable water and oil repellent effect from beginning to ending.
- **AT-602** is PFOA, PFOS, APEO, and Formaldehyde free product.



- **AT-602** is not flammable. It is easily used and stored.

**Direction
for use**

The optimal condition for **AT-602** is different according to different target materials and the need of the repelling power of water and oil. However, please treat the following method, Pad-Dry-Cure, depends on standard usage.

Cellulose fiber : 2.00% soln. ~ 6.00% soln.

Synthetic fiber : 1.00% soln. ~ 5.00% soln.

Blended fiber : 2.00% soln. ~ 6.00% soln.

Handling advice

Please avoid direct exposure to sunlight and keep in cool place.

Please prevent freezing in winter season.

It may make the target material darken in color to a certain extend. However, it will not affect the nature of the material and can be used safely.

Packing

1,000kgs /IBC Tote

We strongly suggest that your company should perform operational test before using our formula.

