

AT-680

Durable C-6 Fluorinated Water & Oil Repellent Agent

AT-680 is newly developed Super durable C-6 fluorochemical type water and oil repellent agent for various fibers. AT-680 gives a perfect water and oil repellent effect and high wash durability to natural fibers such as cotton, synthetic fibers such as polyester, nylon and their blends, mixtures.

General	Composition	Fluoroalkylacrylate copolymer
Properties	Appearance	Slightly yellow-brown emulsion
	Ionicity	Weakly cation
	pH (100%)	4.0 ± 1.0
	Solid contents (%)	Over 30

Features

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Applications

- **AT-680** gives an excellent water and oil repellency to natural fibers such as cotton, synthetic fibers such as polyester, nylon and mixed fibers of natural.
- **AT-680** is super durable type. Therefore it is highly durable even after home-laundry or dry cleaning.
- **AT-680** 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-680** shows a good chemical stability due to low sensitivity to pH.
- **AT-680** gives stable water and oil repellent effect from beginning to ending.
- **AT-680** is PFOA, PFOS, APEO, and Formaldehyde free product.



**Direction
for use**

The optimal condition for **AT-680** 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.

