

# AT-661

## Durable C-6 Fluorinated Water & Oil Repellent Agent

**AT-661** is a newly developed durable fluorochemical type water and oil repellent agent for various fibers. **AT-661** 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-661** keeps the excellent effect even after home-laundry or dry-cleaning.

### General Properties

Composition	Fluoroalkylacrylate copolymer
Appearance	Slightly yellow-brown emulsion
Ionicity	Weakly cation
pH (100%)	$2.0 \pm 1.0$
Solid contents	Over 30

### Features & Application

- **AT-661** 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-661** is super durable type. Therefore it is highly durable even after home-laundry or dry cleaning.
- **AT-661** 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-661** shows a good chemical stability due to low sensitivity to pH.
- **AT-661** gives stable water and oil repellent effect from beginning to ending.
- **AT-661** is PFOA, PFOS, APEO, and Formaldehyde free product.



- **AT-661** is not flammable. It is easily used and stored.

**Direction  
for use**

The optimal condition for **AT-661** 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, depending 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**

1,000 kgs / IBC Tote

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

