

# AT-5840

## Water & Oil Repellent Agent (Non-chlorine)

**AT-5840** is developed as a non-chlorine C-8 water and oil repellent. In use with various processing agents, it shows good process ability and performs good water and oil repelling power. It has good effect on general fabrics, especially polyesters and cotton products.

<b>General Properties</b>	Composition	Perfluoroalkylacrylate copolymer
	Appearance	Slightly yellow-brown emulsion
	Ionicity	Weakly cation
	pH (100%)	$3.0 \pm 1.0$
	Solid contents(%)	Over 30

### Features & Application

- **AT-5840** has good repelling ability for natural fiber such as cotton and synthetic fibers such as polyester.
- **AT-5840** has little to no effect on fastness of rubbing and washing of the dyed goods.
- **AT-5840** 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-5840** shows a good chemical stability due to low sensitivity to pH.
- **AT-5840** gives stable water and oil repellent effect from beginning to ending.



- **AT-5840** is not flammable. It is easily used and stored.

**Direction  
for use**

The optimal condition for **AT-5840** 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.

