

AT-690

Durable C-6 Fluorinated Water & Oil Repellent Agent

AT-690 is newly developed Super durable C-6 fluorochemical type water and oil repellent agent for various fibers. AT-690 gives a perfect water and oil repellent effect and high wash durability to synthetic fibers such as polyester, nylon and their blends, mixtures.

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-690** gives an excellent water and oil repellency to synthetic fibers such as polyester, nylon and mixed fibers.
 - **AT-690** is super durable type. Therefore it is highly durable even after home-laundry or dry cleaning.
 - **AT-690** 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-690** shows a good chemical stability due to low sensitivity to pH.
 - **AT-690** gives stable water and oil repellent effect from beginning to ending.
 - **AT-690** is PFOA, PFOS, APEO, and Formaldehyde free product.



**Direction
for use**

The optimal condition for **AT-690** 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.

