HF Altimilia Fluoro Chemical Co., Ltd.
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AT - 665

Nonionic C-6 Fluorinated Water &Oil Repellent Agent

AT-665 is based on C-6 fluoroalkyl durable nonionic water and oil repellent agent for various fibers. **AT-665** 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-665** keeps the excellent effect even after home-laundry or dry-cleaning.

General Properties	Composition	Fluoroalkylacrylate copolymer
	Appearance	Slightly yellow emulsion
	Ionicity	Nonion
	pH (100%)	3.0 ± 1.0
	Solid contents(%)	Over 30

Features & Application

- **AT-665** gives an excellent water and oil repellency to synthetic fibers such as polyester, nylon and mixed fibers.
- **AT-665** 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-665** is durable type. Therefore it is highly durable even after home-laundry or dry cleaning
- **AT-665** shows a good chemical stability due to low sensitivity to pH.
- **AT-665** gives a stable water and oil repellent effect from beginning to ending.
- **AT-665** is made of non-flammable solvent. It is free and easy to handle and it is almost no toxic to human.

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▪ **AT-665** is PFOA, PFOS, APEO, and Formaldehyde free product.

Direction for use

The optimal amount of **AT-665** to be used varies according to the treated fabrics, degree of water/oil repellency and finishing agent. 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

1,000kgs / IBC Tote

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