



HT Fine Chemical Co, Ltd.

Auxiliaries for Wool and Nylon

Wool fiber is soft and elastic, can be used for the production of wool, wool, blanket, wool felt and textiles. The products feel rich, warm and good, comfortable to wear. The characteristics of sheep wool accounted for a large proportion in the textile raw materials. Wool textile industry is an important raw material, featuring in good elasticity, strong absorption and warm. Wool products can be chemically processed to improve the quality.

Nylon fiber, also known as polyamide fiber, has many excellent properties. The appearance of nylon takes on an altogether new aspect of textile. It is not only a major breakthrough in synthetic fiber industry, but also a very important milestone in polymer chemistry. Through researching the dyeing process, the influence factors of dye rate include the initial dyeing temperature, heating rate, holding time, pH value of dye solution, dosage of auxiliaries for nylon and the operating method, etc. Improper control of these factors will increase the probability of dyeing unevenly. Therefore, it is necessary to strictly control the dyeing process to improve the grade of dyed nylon fabric.

As for [auxiliaries for nylon](#) and wool, retarding agent, fixing agent and anti yellowing agent are the commonly used textile chemicals.

[Retarding agent](#) can be adsorbed by nylon and wool by priority in the dyeing process, thus reducing the affinity of fabric to dye and achieving the purpose of evenly dyeing. Due to the non-toxic and pollution-free, retarding agents are environmental friendly textile auxiliaries.

Fixing agent is to improve the color fastness of the wool and nylon. It can form insoluble coloration with dye on the fabric to improve wash and perspiration fastness. Also it can enhance the color brightness.

Yellowing resistant agent is one of the special auxiliaries for nylon and wool with a special effective ingredient that can effectively remove silicone oil and mineral oil on the fiber in the washing process, with high temperature and yellow stain resistance.



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The popular textile chemicals from HT FINE CHEMICAL in China, the large scale manufacturer of all kinds of auxiliaries for dyeing, printing and finishing process:

- Leveling Agent for Acid Dyes 2015K
- Acid Donor 2143
- Acid Leveling Agent HTW
- Phenolic Yellowing Resistant Agent for Nylon 2191
- Soaping Agent for Acid Dyes 2815
- Spandex Oil Removing Agent 1034A
- Fixing Agent for Acid Dyes GTR
- Fixing Powder for Acid Dyes NRS
- Fixing Agent for Acid Dyes SP
- Dyestuffs Cosolvent SR
- Alkali-resistant Penetrant OK



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