

TECHNICAL TUESDAYS

TOPIC: Characteristics and usage of milk fiber

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Milk fiber:

Milk fiber is essentially a blend of casein protein and acrylonitrile, which is used in the production of acrylic.

The production process of milk fiber is similar to that of rayon/viscose fiber, but due to the fact that the milk fiber is a regenerated protein fiber and not a regenerated cellulose fiber, it is found to possess similar properties with comparison to wool. That means that it dyes like wool and even smells like wool on combustion.



Characteristics of milk fiber:

1. Milk fiber possess the natural protein “humectant”, which makes the skin delicate and smooth.
2. Its hygroscopic properties induces the fiber to absorb moisture greatly.
3. The fiber has antibacterial and antifungal properties due to the presence of amino acids.
4. The milk fiber is characterized with a glossy and luxurious appearance, feel and comfortability.
5. The fiber is very easy to dye and can be dyed under normal temperature.
6. The fiber can be blended well with other fibers such as tencel, cotton, bamboo and modal fibers.



Uses of milk or casein fiber:

- The health advantages & bacteriostatic nature of milk fiber, makes it the ideal material for the manufacturing of undergarments.
- Milk casein proteins are considered to be the main ingredient of the milk protein fiber and is essentially found to help lubricate skin.
- The milk protein contains the natural humectant factor which can help maintain skin moisture, reduce wrinkles and induces smooth skin.

The major usages of milk fiber:

1. T-Shirts
2. Underwear
3. Sportswear
4. Ladies outerwear
5. Sweaters

Wishing you a great week ahead!

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arc@resil.com | www.resil.com