



“Sweat” and “Body odor” deodorizing material

Etiquette reduces bad odors by contacting odorous components and decreasing the unpleasant smell resulting from sweat decomposition.

- This acrylate fiber quickly and effectively deodorizes through chemical neutralization and ionic exchange.
- As performance is revived in the home wash, its deodorizing capability is maintained semipermanently.
- As odorous components adhere to the functional group of the fiber structure, Etiquette does not elute or lose its active ingredients, resulting in excellent durability and safety of its deodorizing function.
- The pH buffer properties maintain a weak acidity that is gentle to skin.



抗菌防臭加工

(繊維上の細菌の増殖を抑制し、
防臭効果を示します。)

認証番号 01993

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別名：有機系(第四アンモニウム塩)

Evaluation result of sweat deodorization <Device evaluation>

	Zero washes	10 washes
Ammonia	80.0%	95.0%
Acetic acid	80.0%	94.0%
Isovaleric acid	95.4%	92.9%

SEK standard : Ammonia : 70% / Acetic acid : 80% / Isovaleric acid : 85%

1. Sweat Deodorizing Performance Test Method
Japan Textile Evaluation Technology Council: Instrumental analysis implementation manual for deodorizing textile certification standards (detector tube method and gas chromatography method)

• Washing method: JIS-0217-103 Repeat 10 times. Hang dry.
• Wash-Wear-Wash: JAFET standard detergent

2. Sweat Deodorization Standard

Perform sensory analysis and device measurement for each odorous component — ammonia, acetic acid, and isovaleric acid — at zero washes and 10 washes; each must comply with the corresponding standard.

Device evaluation:

The rate of odorous component decrease should be no less than 70% under the detector tube and gas chromatography methods.

Sensory evaluation:

Must be below the standard odor (equivalent to a 2.0 odor intensity).
(Based on the determination of at least 5 of 6 persons)

* Nonenal deodorization is possible by increasing the blend ratio.

Note: The above data are evaluation results based on specific fabric standards and are not guaranteed values.

