

Water-repellent Viscose Rayon

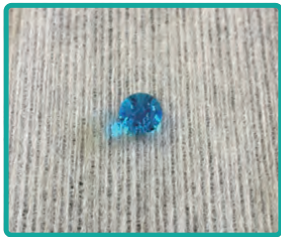
Eco Repellas™

“Eco Repellas” is a viscose rayon fiber with its surface processed with water-repellent agents, while maintaining the characteristics of viscose rayon itself.

Point 1

Water Repellency

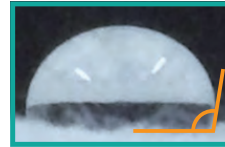
Nonwoven fabrics using this product show a good water repellency.



Eco Repellas



Regular Viscose Rayon



Eco Repellas



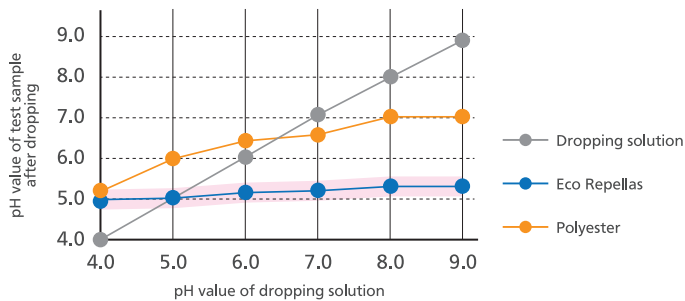
Regular Viscose Rayon

Test method: Put a drop of deionized water onto a sample from straight above at a distance of 1cm with a burette and measure the contact angle in 10 seconds.
Test sample: Spunlace nonwoven fabric of 30g/m² weight

Point 2

pH Controlling Property

It maintains our skin soft and gentle by controlling pH value on nonwoven fabrics for the value to be weakly acidic.



Test method: Drop 0.1ml of test solution (pH4~9) onto a 0.01g of test sample and measure pH value of the sample.
Test sample: Spunlace nonwoven fabric of 30g/m² weight

※The measurement value may vary depending on factors including viscose rayon blend ratio and knitting structure.
For commercialization of products, check the measurement results by product.

Point 3

Deodorizing Effect

It has a good deodorizing effect against ammonia gas.

| Initial concentration (ppm) | After leaving the sample for 2 hours | |
|-----------------------------|--------------------------------------|--|
| | Gas concentration (ppm) | Decrease rate (%) (Acceptance criteria ≥ 70) |
| 100 | 1.1 | ≥ 99 |

Test method: Detector tube method compliant with the certification standards of SEK mark textile products
Test Laboratory: KAKEN TEST CENTER General Incorporated Foundation
Test gas: Ammonia
Test sample: 100% viscose rayon

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“Eco Repellas” is Daiwabo's trademark in Japan