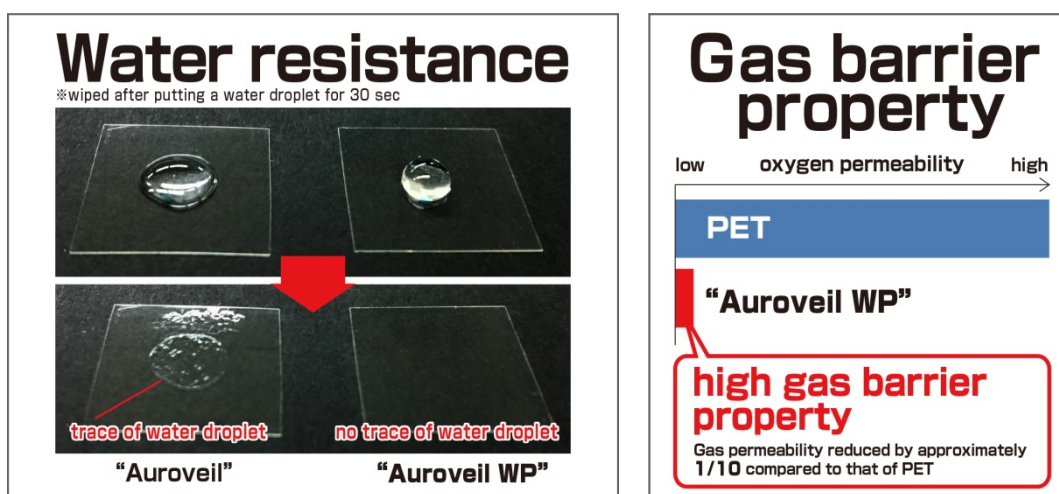


Announcement Regarding Sample Distribution of Transparent Cellulose Nano-fiber Sheet with Excellent Water Resistance as “Auroveil WP”

Oji Holdings Corporation (Oji) has been proceeding to develop world’s first and only continuous transparent CNF sheet with 3 to 4 nm ^{(*)1} wide nanofibrillated CNFs, and to distribute it as “Auroveil” and “Auroveil 3D ^{(*)2}.”

In addition to the above, we are pleased to announce that Oji has succeeded in development of continuous transparent CNF sheet “Auroveil WP” with excellent water resistance, which we improved quality of conventional CNF sheet.



Since CNF sheet is made from plant fiber, conventional CNF sheet has poor water resistance. However, “Auroveil WP” is an absolutely groundbreaking sheet that has water resistance in addition to our CNF sheet features of high transparency, flexibility, low thermal expansion, excellent moldability, and gas barrier property. It enables us to use CNF sheet under high humidity condition, and it is expected to be used for new applications.

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| Brand Name : Auroveil WP |
| Feature : water resistance, gas barrier property, high transparency, low thermal expansion (high dimension stability), flexibility, moldability |
| Release Plan: November, 2017 |

Oji has already announced to install a new manufacturing facility to produce transparent roll sheets of CNF in the latter half of 2017, due to strong demand for sample distribution from customers in many fields. ^{(*)3}

We are trying to accelerate commercialization in a wider range of business fields and create new markets by commencing distribution of these development samples.

^{(*)1} nanometer : 1 nanometer = 0.000000001 meter

^{(*)2} release on May 10th, 2017: [Announcement Regarding Sample Distribution for Transparent Sheet of Cellulose Nano-fiber with Excellent Moldability “AUROVEIL3D”](#)

^{(*)3} release on October 25th, 2016 : [Installation a New Manufacturing Facility of Transparent Roll Sheets of Cellulose Nano-Fiber](#)

【Contact】

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