
Announcement Regarding Expanding Lineup of Phosphorylated CNF Slurry Samples

Oji Holdings Corporation (“Oji”, Director of the Board/President: Susumu Yajima, Head office: Tokyo) announces that we have expanded lineup of slurry samples in our three types of CNF^(*1) including slurry, powder, and sheet.

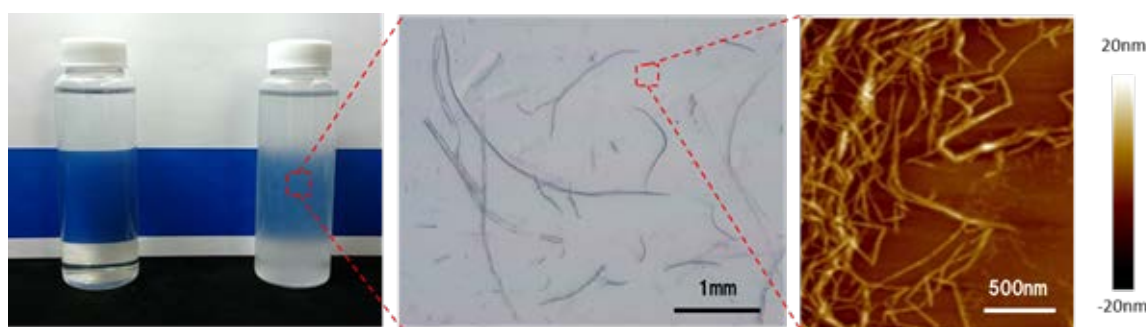
Until now, Oji has been proceeding development of CNF slurry for commercialization in mainly cosmetics and paints, making full use of unique characteristics of both high transparency and high viscosity due to ultrafine CNF with a diameter 3 to 4 nanometers (*2). This time, we have newly developed CNF which consists of fibers with broad distributions of width and length: wide and long fiber (long fiber) to narrow and short fiber (ultrafine fiber).

This brand-new CNF shows excellent dispersibility in water for a long period of time due to the effect of ultrafine fiber with large surface area and high water retention ability, in spite of its low viscosity compared to conventional CNF samples. Therefore, it is expected to be applied in a wider range of business fields such as resins and cement.

From now, we are trying to accelerate commercialization of CNF by proceeding to expand our sample lineup and make further improvement, and by supplying various types of CNF samples to our customers.

(*1) CNF : abbreviation of Cellulose Nano Fiber

(*2) nanometer : 1 nanometer = 0.000000001 meter



Conventional New lineup
Phosphorylated CNF

Long fiber

Ultrafine fiber

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