

## Cellenpia®

Cellenpia® is a cellulose nanofiber (CNF) developed by Nippon Paper Industries. CNF is a cutting-edge biomass material produced by breaking wood fibers down into nanofibers. Due to its wide variety of functions (e.g., strength improvement, thickening, moisture retention, emulsion stability, oxygen barrier properties), it is expected to be utilized in a wide range of fields from food to industrial applications.

### Contribution to Achieving SDGs through Products



- State-of-the-art plant-derived biomass material with low environmental impact related to production and disposal, developed by maximizing the use of various technologies and know-how
- Uses cellulose obtained from sustainably managed forests
- Promoting the development of applications that demonstrate the diverse properties of CNF through partnerships with users

### Adoption Example



**Dorayaki**  
(pancakes stuffed with  
sweet red bean paste)

Tago no Tsuki Co., Ltd.

Moistness is maintained by the addition of CNF. It extends the expiration date and reduces food loss.



**CNF Eco Flat Cup®**

TOPPAN PRINTING CO., LTD.

By using base paper coated with CNF, the amount of plastic used is reduced by 50% compared to conventional products.

Contact Nippon Paper Industries Biomass Material Sales Promotion Dept. +813-6665-1020

Product URL <https://www.nipponpapergroup.com/english/products/cnf/>