

November 10, 2022

KANEKA CORPORATION

Confectionery product made from Kaneka Biodegradable Polymer Green Planet™
selected by Bourbon
— First adoption as a heat-sealing layer in paper packaging —

Heat sealable paper that uses Kaneka Biodegradable Polymer Green Planet™ (referred to below as “Green Planet”) by Kaneka Corporation (Headquarters: Minato-ku, Tokyo; President: Minoru Tanaka) has been adopted for use in the paper packaging of “4-shu no Hitokuchi Sweets”, a confectionery product by Bourbon Corporation (Headquarters: Kashiwazaki, Niigata; President: Yasushi Yoshida). This will go on sale from November 15.

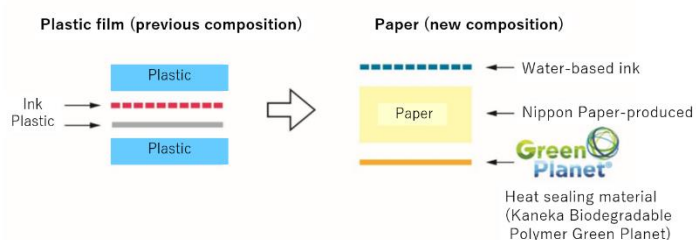
Furthermore, the heat sealable paper being used in this product was developed in collaboration with Bourbon Corporation and Nippon Paper Industries Co., Ltd. (Headquarters: Chiyoda-ku, Tokyo; President: Toru Nozawa).

Green Planet is a 100% plant-derived biodegradable polymer developed by Kaneka. It has excellent biodegradability within a wide range of environments, easily breaking down within soil or seawater and returning to CO2 and water. It is already widely used in such products as straws, cutlery, coffee pods and shopping bags, and Kaneka increasingly receives inquiries about the material from various countries around the world. This recently developed paper packaging, which uses Green Planet as one of its principal components, has superior biodegradability compared to the petroleum-based plastic that was used previously. With its adoption in packaging for confectionaries and other products, Green Planet is expected to play a significant role in reducing sea pollution*.

Based on our mission of "KANEKA 'thinks 'Wellness First'.", Kaneka will continue to provide solutions for global issues. Through the active use of Green Planet, such as this recently developed paper package, we will solve the problem of plastic pollution.



“4-shu no Hitokuchi Sweets”



Cross Section of the Packaging

* The below tests were carried out by Kaneka in accordance with ISO international standards.

Disintegration test: Within seawater of 30°C, the sample (heat sealable paper) completely passed through a 2 mm square sieve within two weeks.

Biodegradability test: Within seawater of 30°C, the sample's (heat-sealing layer) degree of biodegradation was over 80% within 50 days.