
Development of Eco-friendly Cup Base Paper Ready for Material Recycling

Oji Holdings Corporation (President: Hiroyuki Isono, Headquarters: Chuo-ku, Tokyo, hereinafter "Oji Holdings") announces that Oji Holdings and its group company Oji Packaging Co., Ltd. (hereafter "Oji Packaging") have successfully developed an eco-friendly cup base paper ready for material recycling by utilizing waterborne resin coating technology.

As the world has recently accelerated the reduction of its use of plastic, Oji Holdings is promoting the development of eco-friendly paper products as substitute for plastic.

In the current paper recycling system, laminated paper used for paper cups and milk cartons is a reject material (1) and they are handled as burnable waste. Therefore, there is a task that must be addressed in terms of material recycling.

By thinly and evenly coating the surface of paper with special waterborne resin, Oji Holdings and Oji Packaging have successfully developed cup base paper that can be recycled as a raw material for paper in the current paper recycling system. This base paper has the water resistance, oil resistance, and heat sealability(2) that is necessary for paper cups.

Oji Holdings will continue to develop and improve its eco-friendly products to contribute to the establishment of a sustainable society so that it can flexibly propose solutions to meet the diverse needs of eco-conscious customers.

(1) Laminated paper is generally handled as a reject material because it is hard to remove the laminate layer. However, it can be recycled if a company has recycling resistant waste paper recycling equipment.

(2) This means thermal fusibility, permitting the conversion of base materials without glue, for adhesion and sealing.

<Example usage of the newly developed product>



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