

## News Release (June 20, 2023)

"Lumisus" Aluminum Cup Developed by Toyo Seikan and Tokan Kogyo  
Receives the 47th Kinoshita Prize  
- Creation of new value by reducing environmental impact and pursuing usability -

Toyo Seikan Co., Ltd. (hereinafter referred to as "Toyo Seikan") and Tokan Kogyo Co., Ltd. (hereinafter referred to as "Tokan Kogyo"), two consolidated subsidiaries of Toyo Seikan Group Holdings Ltd., have jointly developed an environmentally friendly, one-way beverage container called "Lumisus." This innovative container won the prize in the New Creation Category at the 47th Kinoshita Prize,\* sponsored by the Japan Packaging Institute (JPI). On June 13, the award ceremony was held at Josui Kaikan in Chiyoda, Tokyo. The Lumisus also received the Beverage Packaging Category Award at the Japanese Packaging Contest 2022, sponsored by the JPI.



From left: Masayuki Sakai (General Manager, Sales Div, Tokan Kogyo), Shota Tanaka (Assistant Manager, Toyo Seikan Technical Center), and Masaomi Tamura (General Manager, Toyo Seikan Technical Center)

\* This prize is presented to JPI members who make remarkable achievements in the fields of (a) research and development (of packaging techniques), (b) improvement and rationalization (of packages) and (c) outstanding achievement in creating a new field of packaging.

## Winning Product: “Lumisus” Aluminum Cup



The winning product is an aluminum cup developed with the aim of reducing the environmental impact. Using our unique technology, we developed these cups to serve as sustainable alternatives to plastic cups. Made of aluminum, they can be horizontally recycled, making them environmentally friendly containers.

In terms of the environment, based on Toyo Seikan’s technology of aluminum beverage cans, called “[aTULC \(Aluminum Toyo Ultimate Can\)](#)”, we have achieved zero water consumption and minimized energy consumption during manufacturing.

Regarding the usability of Lumisus, we have introduced several key features: (i) excellent mouthfeel and cut prevention through the optimization of the curl shape, (ii) easy separation from stacking, (iii) visible indication of the filling amount, (iv) enhanced grip performance, (v) ensured hygiene standards, and (vi) optimum loading efficiency through our unique molding technology.

### **About Toyo Seikan Group Holdings, Ltd.**

Toyo Seikan Group Holdings, Ltd. is a world-class comprehensive packaging manufacturer, delivering a variety of packaging containers using materials such as metal, plastic, paper, and glass. In the Long-Term Management Vision 2050, "The Future, Wrapped for All," we set the goal to go beyond our traditional field of packaging, aiming to become a corporate group that creates new value that changes society. Founded in 1917, Toyo Seikan Group Holdings, Ltd. conducts business on a global scale, with 45 group companies in Japan and 49 overseas, and currently employs a multinational workforce of 20,000 people. For more information, please visit <https://www.tskg-hd.com/en>

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