

News Release (March 26, 2024)

Toyo Seikan develops and begins mass production of the lightest aluminum can body in Japan, contributing to further reduce greenhouse gas emissions

Toyo Seikan Co., Ltd. (“Toyo Seikan”), a consolidated subsidiary of Toyo Seikan Group Holdings Ltd., has developed the lightest¹ aluminum DI can in the domestic market for 204mm SOT (stay-on tab) cans. Compression bottom reform (CBR) technology is used to reinforce the bottom of the beverage can, thus enabling it to be reduced in weight. This development should further reduce greenhouse gas (GHG) emissions. Toyo Seikan will begin mass production of the cans in April 2024 in 350ml and 500ml sizes at its Chitose and Kiyama factories, followed by other factories nationwide.

¹ Based on 204mm SOT Aluminum DI cans in 350ml and 500ml sizes.

(Source: Toyo Seikan survey, March 2024. Lid is not included in empty cans.)

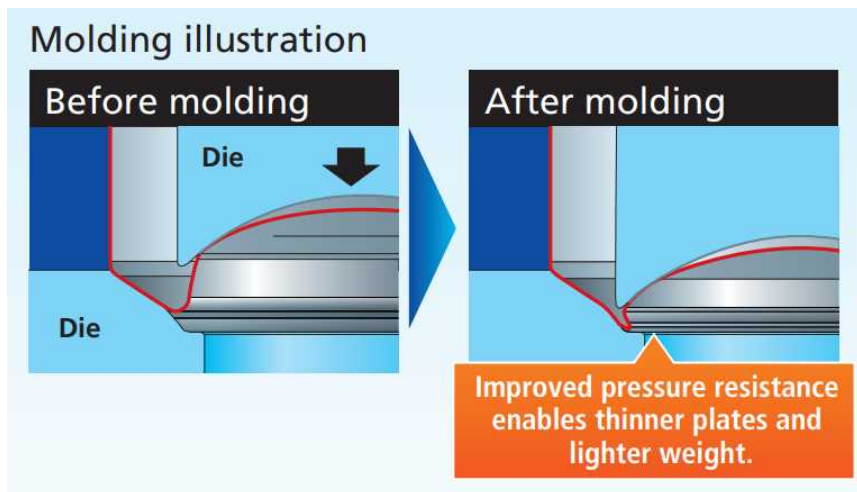


By using CBR in the 204mm SOT cans, which are mainly used for alcoholic beverages, Toyo Seikan has reduced the weight of the 350ml cans by 1.5g, from 11.7g to 10.2g, and the weight of the 500ml cans by 2.0g, from 15.0g to 13.0g.

The GHG emissions per can have thus been reduced by approximately 9% compared to the current 350ml and 500ml cans. Furthermore, if CBR is used for all aluminum beverage cans where it is applicable, it is estimated that GHG emissions will be reduced by approximately 40,000 tons annually².

² Calculated based on production records for the current specification aluminum beverage cans at Toyo Seikan in the fiscal year 2022 and the GHG reduction per can for the lightest domestic can.

[Reference] Illustration of a can bottom being formed using CBR



CBR is an innovative technology that allows both light weight and high can-bottom compression strength compared to traditional can manufacturing techniques. It helps to reduce GHG emissions by reducing the amount of aluminum used. Beginning with Toyo Seikan's Chitose and Kiyama factories, the company will expand the use of CBR to its manufacturing bases nationwide. This will increase the use of the lightest aluminum cans and thus reduce GHG emissions.

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 44 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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