



Cellulose fiber compounded resin contributing to sustainability

GREEN CHIP CMF

Reducing the amount of petroleum-derived resin

High strength and heat resistance by compounding cellulose fiber

Features

- Approximately 20% reduction in CO₂ emissions
- Making molded products lighter and thinner
- Recyclable
- Usable as a reinforcing additive for resins such as recycled PP

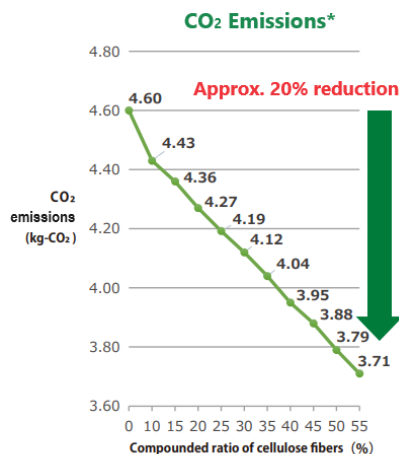


バイオマス
No.200306

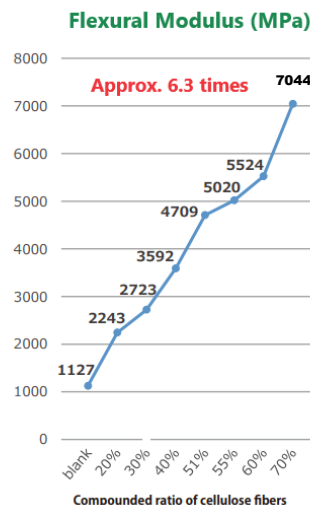
The Biomass Mark is an indicator of environmental products that utilize bio-based resources (biomass) and is awarded to products that pass an evaluation by an independent committee of experts from the Japan Organics Recycling Association.

Learn more: <https://www.jora.jp/biomassmark/>

Data

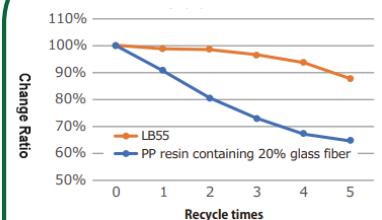


* Internal data based on the "Guidelines for the Utilization and Application of Cellulose Fiber Towards the Decarbonization and Achievement of a Circular Economy" from the Ministry of the Environment website

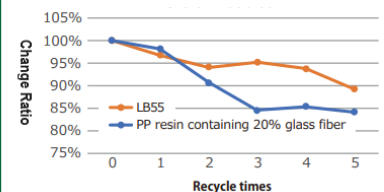


Physical Properties When Recycled

Flexural Strength



Flexural Modulus



* The data are measurements, not guaranteed values
* LB55 is GREEN CHIP CMF containing 55% cellulose fiber

Application

- Home appliance parts, Furniture, Automotive parts, Food containers, Cutlery, Daily miscellaneous goods, etc.

Jointly developed with FP Chemical Industries Co., Ltd.

[Inquiry]

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