

Recycling used products into nearly new molding materials.

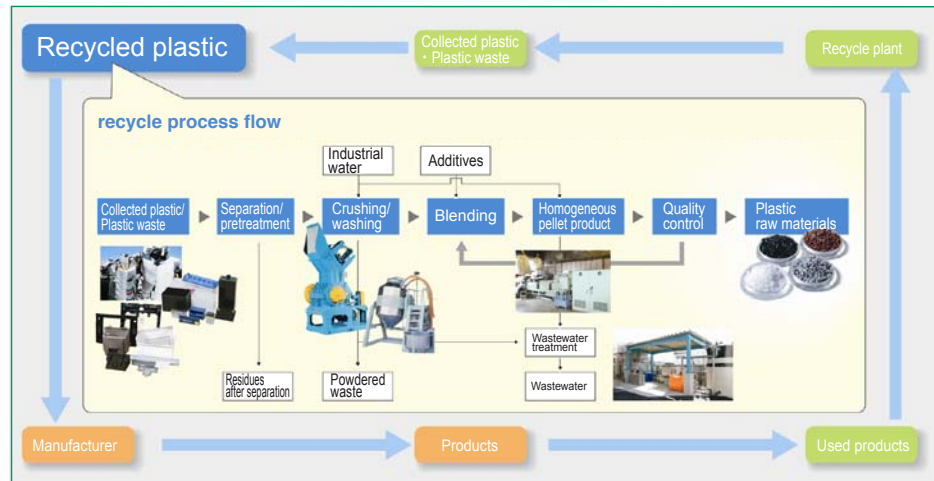
Recycled Plastic Molding Material

Features

Used plastic materials are recycled into virgin-grade plastic molding compounds.

Leverages development, quality control, and manufacturing technologies to meet various user needs.

Contributes to the creation of a society with an environmentally-sound material cycle through plastic recycling.



Overview

(Technical principles, actions, etc.)

OHMI BUSSAN was established in 1977 as a company specializing in plastic recycling. Since then it has shifted its business concept from recycling and waste treatment to manufacturing, and has been actively engaged in technology development as a material manufacturer.

Our strength is our high-quality recycled plastic materials. In order to eliminate the impression that recycled plastic is second-grade plastic, we purchased equipment such as evaluation and testing equipment and material analyzers. We

thereby specify the details of the components in our materials and blended them to respond to the needs of our customers while further improving our blending technologies. We were recently certified as “a business subsidized with the cutting edge business investment promotion budget” of the Ministry of Economy, Trade and Industry, and as a result, we constructed a new and exclusive line for producing high-quality PP recycled materials. The new equipment is a twin-screw mixing, extruding and granulation facility equipped with systems to mix, weigh and supply eight types of raw materials that are also compatible with talc-filling PP compounds, which require high rigidity and strength. We are reinforcing the foundation of automobile-related businesses with these technologies.



Effects

◎ Stable quality, high productivity

We offer technologies for homogenizing the quality of materials by separating the collected materials and thoroughly washing/crushing them, and blending the modifying agents and pigments. We also established a distribution system for distributing stable-quality and high-productivity materials.

◎ Developing products to meet needs.

Based on its product development and material testing expertise, our technical division has been further enhanced for controlling the colors, properties and contents of plastic materials according to their use to meet user needs.

◎ Contribute to the creation of a society with an environmentally-sound material cycle from an environmental issue and resource protection point of view.

To make use of resources effectively, we are developing virgin-grade materials from used plastic materials. We also established a plastic collection system for the safe use of recycled plastic materials and the stable supply of materials to meet the large demand.

Applicable field
Molded plastic products manufacturers

Water

Energy saving/Energy recovery

Energy storage/Energy creation

New energy

Waste disposal/
Recycling/
Resource saving

Air

Soil

Other

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