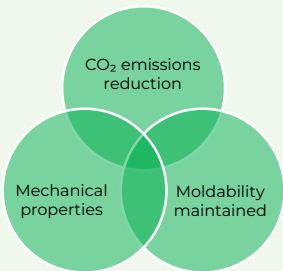


Bio-composites

Concept



Bio-composites

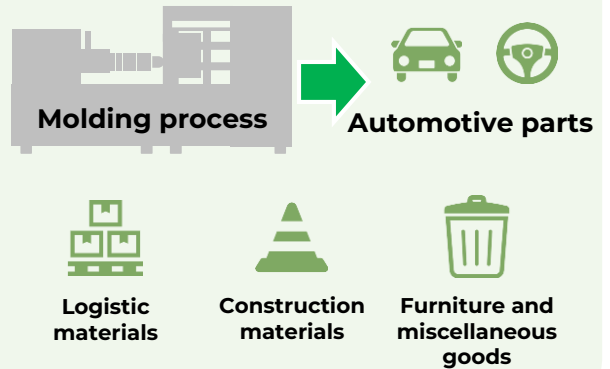
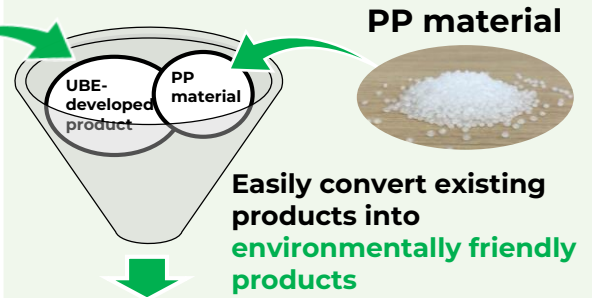
30–60 wt% specially processed biomass materials used

Provision of well-balanced materials

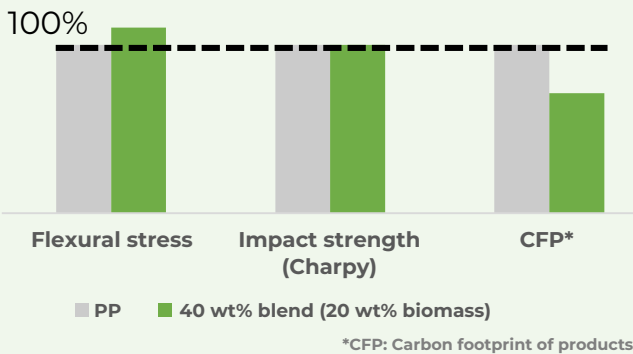
*CO₂ emissions reduction rate calculated on a per-product basis

Usage Examples

Dry blending with polypropylene (PP) material



User Benefits



	Existing wood powder materials	Bio-composites
Moldability	Leads to clogging, burned marks	<ul style="list-style-type: none"> •No need for compatibilizer •Moldability comparable to PP
Purification	<ul style="list-style-type: none"> •Creates foul odors •Molds need to be replaced when burned marks occur 	Ordinary purification sufficient

Grade Development

Grade proposals to meet requirements

- High-fluidity grade
- Impact-resistant grade
- Grade for other resins
- Recycling grade



Bio-composites are customizable for compatibility with a wide range of products (subject to negotiation)