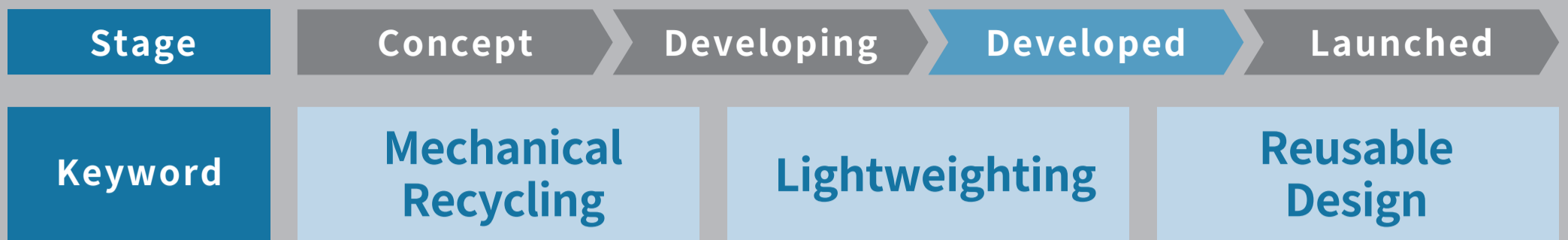




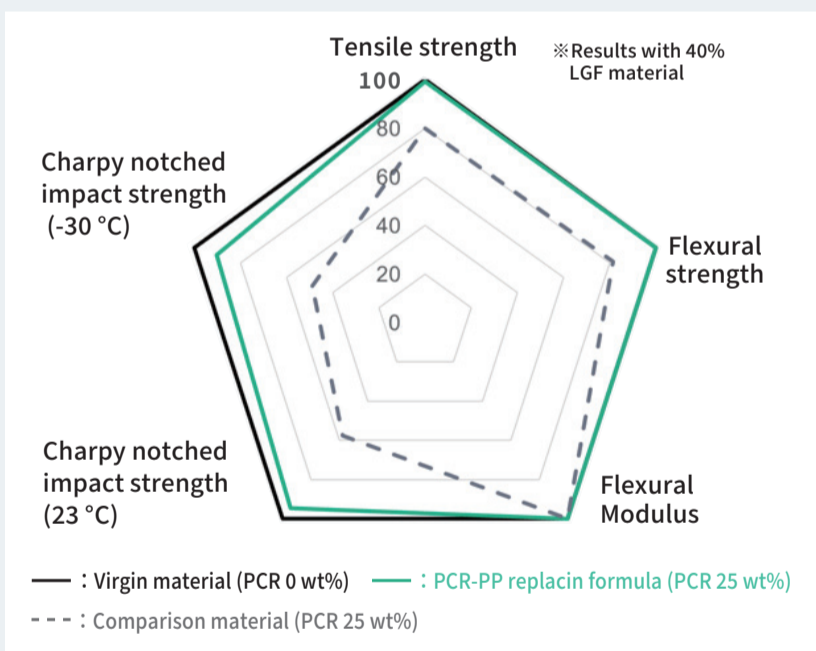
Long Glass Fiber Reinforced Polypropylene using PCR Resin



Use Backdoor inner / Front End Module etc.

Background Due to environmental regulations (such as the EU ELV directive), demand for recycled materials is increasing. We have developed high-quality glass fiber reinforced PP with performance comparable to virgin materials using proprietary technology and high-grade recycled materials. It is suitable for unpainted parts requiring high-quality appearance, such as back door inners.

Mechanical Property Comparison: Virgin Materials and PCR-PP Replacing Formula



| | | | | |
|---------------|---------------|------------------|--------------------------|--|
| Virgin PP 60% | GF 40% | Virgin materials | | |
| PCR-PP 25% | Virgin PP 35% | GF 40% | PCR-PP replacing formula | |
| ELV 8.25% | PCR-PP 18.75% | Virgin PP 35% | GF 40% | Future vision -EU EVL Regulation Compliant Version- |

※PCR : Post-consumer recycled material
 ※ELV : End of Life Vehicle

Target Application Parts

- ◆ Backdoor Inner : Supports unpainted high-quality appearance
- ◆ Front End Module : Practical with high heat resistance

Backdoor Inner (Exhibit Item)



Contact | Japan Polypropylene Corporation

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