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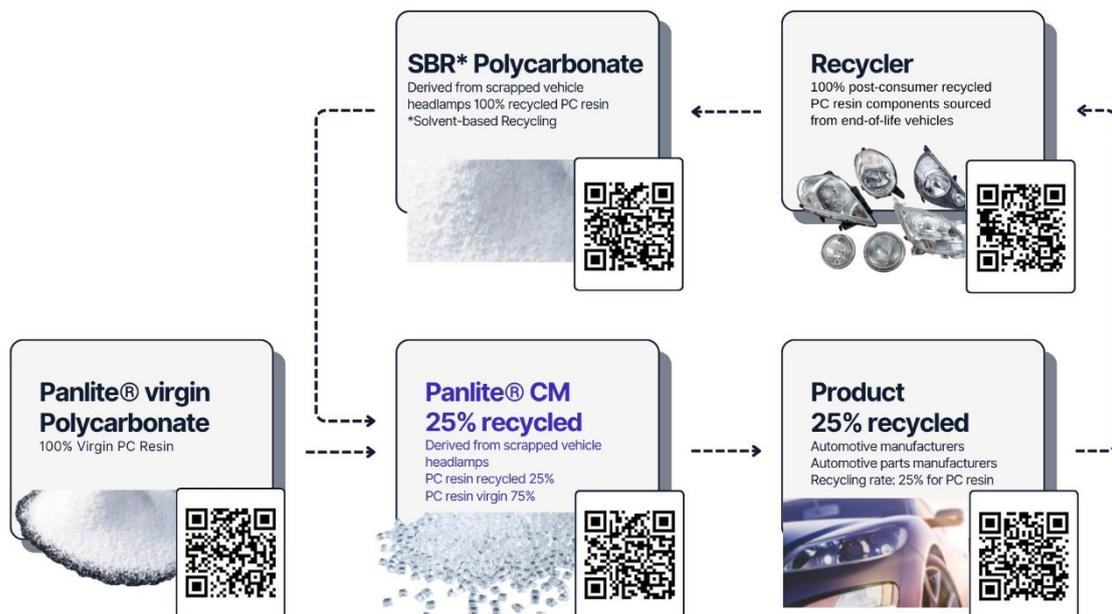
Teijin Limited Launches Proof of Concept for Recycled Polycarbonate Traceability Using Digital Product Passports

Tokyo, November 11, 2025: [Teijin Limited](#) announced today that it has begun a demonstration using Digital Product Passports (DPPs) from [Circularise B.V.](#) to ensure traceability of recycled polycarbonate (PC) resin throughout the supply chain. Teijin will evaluate the effectiveness of the DPP as a means of complying with the European Union's draft Directive on End-of-Life Vehicles (ELV).

The goal of a DPP is to give companies that purchase a material easily accessible data on its origin, composition, environmental impact and disposal recommendations. For this proof of concept, Teijin will use recycled PC resins sourced from automotive headlamps, as well as Panlite® CM, a family of circular materials combining recycled PC resins with virgin PC resin. The DPPs allow customers to verify that the materials are derived from end-of-life vehicles, and to check their percentage of recycled content, as well as physical property information.

Teijin will collaborate with Circularise Japan, the Japanese subsidiary of Circularise B.V., to simulate a market in which Panlite® CM and recycled PC resins sourced from automotive headlamps is distributed and to verify the effectiveness of DPPs through this simulation. Based on the results of this simulation, Teijin expects to attach DPPs to its PC resin products made from recycled materials in the future. The company aims to build a system in which customers considering sustainable materials can obtain quantitative data on their environmental performance from the procurement stage.

The Teijin Group has already undertaken initiatives to demonstrate the effectiveness of the DPP for traceability of products made from recycled aramid fibers and carbon fibers.



About the Teijin Group

Teijin (TSE: 3401) is a technology-driven global group with two core businesses: high-performance materials and healthcare solutions. Established in 1918 as Japan's first rayon manufacturer, Teijin today comprises some 150 companies employing 20,000 people. Teijin is committed to its Purpose, "Pioneering solutions together for a healthy planet." Teijin works together with employees and external partners to achieve its Long-Term Vision, "To be a company that supports the society of the future." Teijin posted consolidated revenue of JPY 1,005.5 billion and total assets of JPY 1,061.3 billion in the fiscal year ending March 31, 2025.

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