

## NEWS RELEASE

### Teijin Introduces LCA for Carbon Fiber Intermediate Materials

Tokyo, Japan, September 29, 2022 --- [Teijin Limited](#) announced today that it has adopted lifecycle assessment (LCA) to calculate the environmental footprint of its carbon fiber intermediate materials. By calculating the environmental impacts of its production processes, Teijin expects to devise ways to reduce emissions in each production process as well as to expedite collaboration with partner companies throughout its supply chain, from manufacturing to disposal, and to implement LCA initiatives for the entire lifecycles of Teijin carbon fiber products.

Teijin completed the LCA of its carbon fiber filament manufacturing processes in December 2021, based on which the company has calculated the LCA for its carbon fiber filament applications. This covers carbon fiber textiles, prepregs (pre-impregnated with matrix resin) and short fibers for composites used in diverse applications, such as sporting goods, industrial products, aircraft, automobiles and other applications requiring excellent combinations of low weight and high strength.

Teijin's LCA studies, which have been certified by an independent third-party organization, in accordance with the ISO14040 and ISO14044 standards, will provide customers with reliable emissions data regarding Teijin's carbon fiber intermediate materials and thereby help these companies to evaluate their own environmental footprints better.

Looking ahead, Teijin expects to expand the scope of its LCA activities to other carbon fiber products, in cooperation with customers, including the makers of final products.

The Teijin Group is committed to reducing its consolidated energy consumption as well as adopting more renewable energy and recycling methods. By positioning the company to help realize a sustainable economy, the Teijin Group aims to reduce its group-wide in-house carbon emissions to net-zero by 2050 under a long-term vision of being a company that supports the society of the future.

#### About the Teijin Group

Teijin (TSE: 3401) is a technology-driven global group offering advanced solutions in the fields of environmental value; safety, security and disaster mitigation; and demographic change and increased health consciousness. Originally established as Japan's first rayon manufacturer in 1918, Teijin has evolved into a unique enterprise encompassing three core business domains: high-performance materials including aramid, carbon fibers and composites, and also resin and plastic processing, films, polyester fibers and

products converting; healthcare including pharmaceuticals and home healthcare equipment for bone/joint, respiratory and cardiovascular/metabolic diseases, nursing care and pre-symptomatic healthcare; and IT including B2B solutions for medical, corporate and public systems as well as packaged software and B2C online services for digital entertainment. Deeply committed to its stakeholders, as expressed in the brand statement “Human Chemistry, Human Solutions,” Teijin aims to be a company that supports the society of the future. The group comprises some 170 companies and employs some 20,000 people across 20 countries worldwide. Teijin posted consolidated sales of JPY 926.1 billion (USD 7.2 billion) and total assets of JPY 1,207.6 billion (USD 9.4 billion) in the fiscal year that ended on March 31, 2022.

**Press Contact**

Corporate Communications

Teijin Limited

[pr@teijin.co.jp](mailto:pr@teijin.co.jp)