

NEWS RELEASE

**Teijin Frontier's Thai Subsidiary Launch New Facility
for Producing Recycled Polyester Chips**

Tokyo, Japan, October 18, 2021 --- [Teijin Frontier Co., Ltd.](#), the [Teijin Group's](#) fibers and products converting company, announced today that its core base for polyester fiber manufacturing, [Teijin Polyester \(Thailand\) Limited](#) (TPL), will launch a facility to convert used domestically-produced plastic bottles into recycled polyester chips for the production of high-quality polyester filament. The facility will start operating in January 2022 and is expected produce 7,000 tons of recycled polyester chips annually by fiscal 2025.



Teijin Polyester (Thailand) Limited



Recycled polyester chips

Teijin Frontier will install cleaning equipment and the latest repelletizing machine for removing foreign substances from the recycled PET bottles before they are molded into chips. TPL will use Teijin Frontier's proprietary quality-control technologies in its comprehensive system for turning Thai plastic bottles into recycled polyester chips for the production of polyester filament. The raw yarn produced at TPL will be used in Teijin Frontier's *ECOPET*[®] recycled filament yarn.

Products made with recycled materials have been growing in recent years due to increasing environmental awareness. In addition, the demand for recycled polyester filaments as well as staple polyester fibers has increased significantly. To date, Teijin Frontier has been procuring recycled raw materials to meet these growing demands. In the interim, the company has been seeking recycled-polyester raw material suppliers that could help the company both to eliminate high-impact long-distance transportation and to optimize its resource-cycling operations. Despite its best efforts, however, the company eventually determined that it would not be possible to secure stable, high-quality bottle flakes in the vicinity of Thailand, where Teijin Frontier's main plants are located.

Teijin Frontier, guided by its *THINK ECO*[®] environmental initiative, is striving to improve its environmental value, including by developing environmentally friendly materials and products for applications ranging from clothing to industrial materials. Going forward, Teijin Frontier will continue to promote the recycling of used PET bottles in Thailand, where the company has been operating for more than 50 years, ultimately to help realize a more sustainable world.

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 more than 170 companies and employs some 20,000 people across 20 countries worldwide. Teijin posted consolidated sales of JPY 836.5 billion (USD 7.7 billion) and total assets of JPY 1,036.4 billion (USD 9.5 billion) in the fiscal year that ended on March 31, 2021.

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