



Human Chemistry, Human Solutions

NEWS RELEASE

Teijin Signs Comprehensive License Agreement with SEMCORP to Develop Solvent-based Coating Separators for LiBs

Tokyo, Japan, December 22, 2020 --- [Teijin Limited](#) announced today that it has signed a technical license agreement with [Shanghai Energy New Materials Technology Co., Ltd.](#) (SEMCORP), a leading producer of competitively priced base films for lithium-ion secondary batteries (LiBs), to manufacture solvent-based coating separators used in LiBs for electric vehicles and additional applications such as electronic devices and energy storage systems. The comprehensive agreement also includes Teijin's development of new solvent-based coating separators.

Through the agreement, Teijin expects to strengthen its market presence by offering successively new separators for LiBs. Teijin is committed to steadily improving its coating technologies for extra safe and efficient separators. For SEMCORP, the agreement will allow the company to expand its manufacture and sale of solvent-based coating separators that meet the functionality and safety needs of customers.

The agreement covers Teijin's proprietary technologies and patents for coating and production processes used in solvent-based coating separators, including aramid- and fluorine-based coatings offering excellent performance and safety. Aramid-based coatings also provide added heat resistance for superior safety.

In addition, in a separate contract covered under the agreement, Teijin has been entrusted by SEMCORP to develop new coating separators for high-capacity, extra-safe LiBs.

The growing popularity of EVs is accelerating demands for LiBs capable of safe performance even during long-distance driving. In November 2019, Teijin and SEMCORP concluded a technical license contract for solvent and fluorine-based coatings used in EV LiB separators. These separators, which incorporate Teijin's high-level coating technologies and are produced with SEMCORP's cost-competitive base films, have been meeting market demands while earning high evaluations from customers.

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 853.7 billion (USD 8.0 billion) and total assets of JPY 1,004.2 billion (USD 9.4 billion) in the fiscal year that ended on March 31, 2020.

Press Contact

Corporate Communications

Teijin Limited

pr@teijin.co.jp