

**NEWS RELEASE**

**Teijin to Boost Production of  
MIRAIM<sup>®</sup> High-performance Microporous Membrane**

**Tokyo, Japan, February 6, 2018** -- Teijin Limited announced today that it will expand MIRAIM<sup>®</sup> high-performance microporous membrane production by increasing the capacity of its Matsuyama Factory to meet growing demands, especially for liquid filters such as photoresists used in the semiconductor field. The company will invest around JPY 3 billion (approximately USD 26 million) on the expansion, targeting operations expected to begin in early 2019.



Teijin will develop MIRAIM<sup>®</sup> applications in the energy field, such as for heat exchangers and fuel cells, and in the healthcare field, such as for foreign-substance removal filters and cell culture medium sheets. Teijin is targeting combined sales of JPY 20 billion (approximately USD 180 million) for MIRAIM<sup>®</sup> membranes and LIELSORT<sup>®</sup> innovative separator for lithium ion secondary batteries by 2020.

Since launching its polyethylene membrane business in 2002, Teijin has been developing production technologies for microporous membranes and techniques for incorporating inorganic particles in membranes at a development facility in the Matsuyama Factory. MIRAIM<sup>®</sup> was developed as a high-performance microporous membrane at the facility and sales began in 2015 for applications other than separator substrates, taking advantage of MIRAIM<sup>®</sup>'s adjustable membrane thickness, precise pore diameter, porosity and duplex coatings for various kinds of polymers.

**About the Teijin Group**

Teijin (TSE: 3401) is a technology-driven global group offering advanced solutions in the areas of environmental value; safety, security and disaster mitigation; and demographic change and increased health consciousness. Its main fields of operation are high-performance fibers such as aramid, carbon fibers & composites, healthcare, films, resin & plastic processing, polyester fibers, products converting and IT. The group has some 170 companies and around 19,000 employees spread out over 20 countries worldwide. It posted consolidated sales of JPY 741.3 billion (USD 6.5 billion) and total assets of JPY 964.1 billion (USD 8.5 billion) in the fiscal year ending March 31, 2017.

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