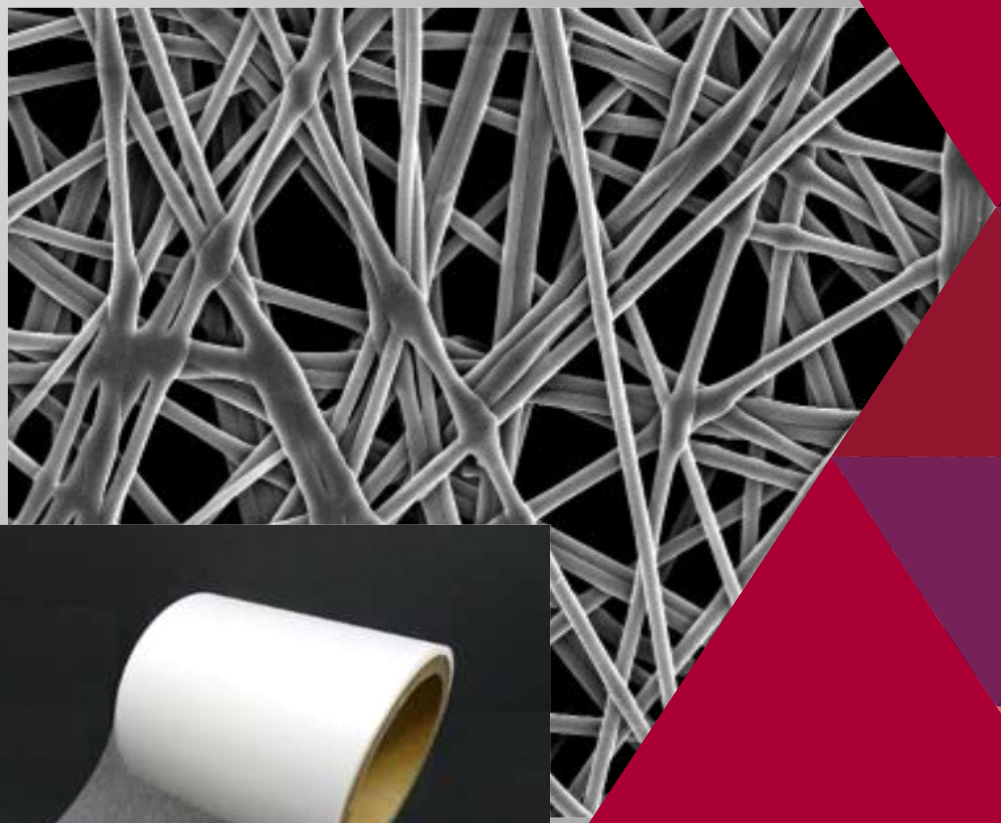
PRODUCTS FOR BATTERY

Solid-State Electrolyte Substrate



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Solid-State Secondary Battery Substrate

Our substrate material facilitates the creation of thinner solid electrolytes, while its self-supporting nature enhances mass productivity and overall battery performance. The thin fibers boast high porosity, allowing for the formation of uniform solid states.

Application

» Solid State Batteries

Advantages

1. Meeting requirement of solid state batteries by

» improving high charge / discharge characteristics

» achieving higher energy density and higher capacity

2. Providing solution to current problem for solid state electrolyte by

» avoiding being thick and bulky

» preventing cracks after forming the solid electrolyte

3. Solution by solid state electrolyte substrate

» achieving high permeability due to high porosity and countless pores

» filling of electrolyte without inhibiting ion conductivity

» forming electrolyte into sheet so achieving thinner solid electrolyte

Product Portfolio

Grade	Composition	Thickness (µm)	Basis Weight (g/m²)	Porosity (%)
W2 Series	PET	15	5	77

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