



新光合成纖維股份有限公司
Shinkong Synthetic Fibers Corporation

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Mission of sustainability keeps going and stepping on the next stage. More diversity of reusable resources, mature recycled technology on production process, and gives materials more possibilities of function are our ambition for years. This year, we' ll show you several projects that are making from end to end realized.

◆Recycled materials from fabrics

Put worn textile back to spinning process sounds like easy. Practical purification directly makes the decision of yarn quality. Collaboration between Shinkong and Ambercycle, Cycora® gives the waste regeneration.

◆New material made for recycled system

Creation is never stopped. The major breakthrough of TPEE (Thermoplastic Polyester Elastomer) makes an easier recycle system. Meantime, it has nice performance on elongation and recovery. That brings the end uses more opportunities.

◆Issue of NET ZERO

Commercial manufacture will continue. However, we have better choices lead to a better future. LanzaTech' s CarbonSmart™ transforms CO₂ from industrial emissions into elements of polyesters.

◆Green and beyond

All products from Shinkong are friendly to environment and much more possibilities than your imaginations!

Shinkong Synthetic Fiber specializes at recycled polyesters for decades. We care not just quality but more. Welcome to visit and explore what we' ve ready for you!

For more information, please visit our website: <http://www.shinkong.com.tw/>

LanzaTech

Use Nature to Heal Nature

SHINKONG × LanzaTech

Deployment of LanzaTech CarbonSmart™ MEG

Sustainable Polyester Yarn from Captured CO₂

Carbon emissions are fed to trillions of carbon-hungry microbes that turn pollution into valuable raw material commodities.

Shinkong is using LanzaTech's CarbonSmart™ MEG from captured carbon to develop multiple polyester products such as yarns, bottle, sheet, film and so on.



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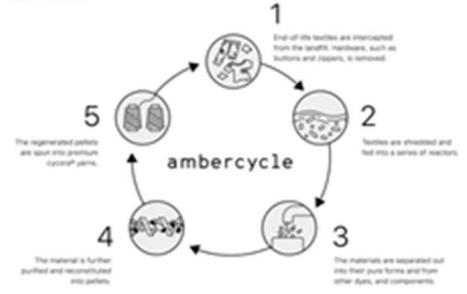
ambercycle

ON A MISSION TO
END 'WASTE' IN FASHION

SHINKONG × ambercycle

The New Yarns to Provide Garment a New Life

Ambercycle™ converts end-of-life textile waste into new yarns for apparel brands and manufacturers.



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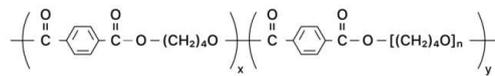


TPEE



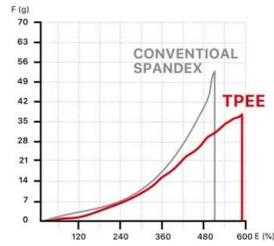
THERMOPLASTIC POLYESTER ELASTOMER

TPEE Elastic Filament yarn makes garment 100% recyclable possible.



CHARACTERISTICS

- With lower CO₂ emission compares to Spandex yarn.
- Production process with more eco-friendly, without solvent chemical.
- Lower fabric setting temperature, for better colorfastness.



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