RPET 塑膠產品

舊衣廢紡永續循環新科技
Transforming Textile Waste into Sustainable Recycled Materials

永續環保 綠建材

RECYCLLED

Strong and Wise provides a solution that transforms textile waste into high-value products, offering a low-carbon, sustainable, and environmentally friendly approach. Not only does it address the pollution caused by textile waste in urban areas, but it also assists brands and textile industries in managing over 90% of their textile waste.

Self-Developed AI rapid identification system for textile waste

01

Our exclusive handheld fabric rapid identification device analyzes the composition and proportion of waste fabric, completing fabric sorting operations in just under two seconds.

Zero-pollution, low-energy consumption, sustainable recycling technology

02

Transform textile waste into high-value RPET recycled plastic particles without the need for high-energy, high-water-consuming, or environmentally polluting chemical agents. Carbon footprint is less than 25% of that of virgin materials.

EF WOOD materials boast outstanding characteristics, serving as a perfect replacement for plastic wood and solid wood

03

EF WOOD is cold-resistant, heat-resistant, waterproof, and non-slip, making it strong and durable. Even in harsh environments with significant humidity and temperature variations, it won't suffer from common issues like cracking, swelling, or deformation. It is an excellent choice for high-weather-resistant building and furniture materials.

Obtained multiple international certifications and gained market recognition, aligning with values such as ESG and SDGs

04

Our textile waste processing technology is mature and can be quickly replicated in any region through a technology licensing model. This enables us to address textile waste issues locally and transform them into 100% recyclable high-value, environmentally friendly materials.

For further information, please feel free to contact us!

雄材大智
Strong and Wise Material Tech Company