

Lexnogo

RPET series



What is RPET

Recycled polyester is made from recycled PET bottles

The collected and recycled bottles are delivered to the collection centers, where they are sorted, cleaned, shredded, and made into pellets

Pellets can be used as a raw material for many types of plastics, including polyester yarn for fabrics, also known as RPET

The Life Cycle of RPET

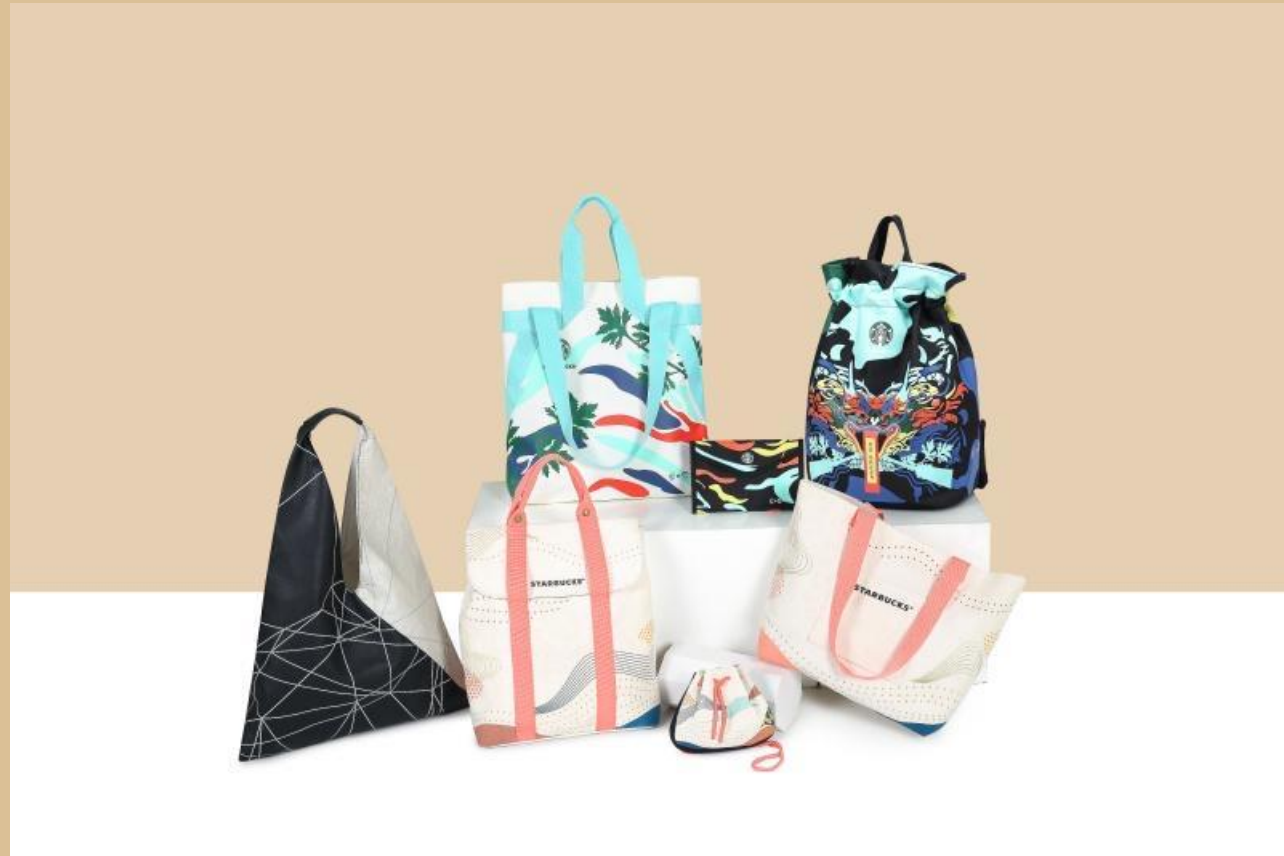


Why use RPET

- RPET is the short name often used for recycled polyethylene tetrachyde (PET).
- RPET takes plastic that has already been created, usually plastic bottles, and chops the bottles into tiny flakes. These flakes are then melted to separate the core PET ingredient inside of the bottle. This PET can then be used to make anything from a sweater to another plastic bottle. Not only is up to 50% less energy used than making PET from scratch, but by using existing bottles already created, it ensures these bottle don't end up in landfill. It also means we can leave the planet as it is: rather than obtaining the core ingredient via the highly damaging process of crude oil primary extraction, we instead make use of a product in abundance that may otherwise have directly contributed to landfill.
- The use of RPET plastic is on the rise as a result of its low carbon footprint (saving raw materials by requiring less energy), recyclability (reducing waste), and strong environmental credentials. Our reusable shopping bags can also be created from this material which also cuts down on single-use plastic bags. RPET is the more sustainable option.



Plastic Waste Bottles Become Valuable Fabrics



RPET Shopping Bag



RPET Pouch



RPET Insulation Bags

Welcome for Wholesale, OEM & ODM, Corporate Gift and CSR Programs

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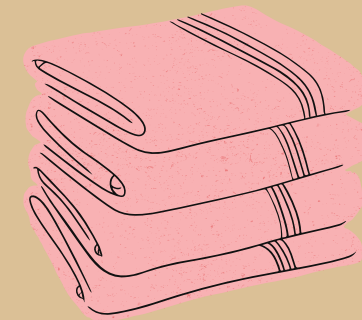
Backpack



Shopping
Bag



Cap



Towel



Umbrella



Jacket



Apron

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