

Definition/Composition/Use of PET

Polyethylene terephthalate (sometimes written poly(ethylene terephthalate)), commonly abbreviated PET, is a thermoplastic polymer resin of the polyester family. A thermoplastic is a plastic that melts to a liquid when heated and freezes to a brittle, very glassy state when cooled sufficiently. PET is used as a raw material for making packaging materials such as bottles and containers for packaging a wide range of food products and other consumer goods. Examples include soft drinks, alcoholic beverages, detergents, cosmetics, pharmaceutical products and edible oils. PET is one of the most common consumer plastics used. (www.wikipedia.com)

Recycling of PET Bottles is the collection, sorting and processing of bottles made out of PET in order to reuse the material out of which they are made. This process is the inspiration for HOYU's CYCLEPET, an energy-conserving fabric made of post-consumer PET bottles (plastic).



ENVIRONMENTAL CONSERVATION AWARENESS

For a beautiful and prosperous future, HO YU makes every endeavor to develop technology not only to manufacture new products but to eliminate permanent impact on the Earth by reducing the pollutants in production and by recycling the post-consuming material. HOYU thus launches the green project "CYCLEPET™" to use recycled PET material to produce energy-conserved fabrics, offering wide-range applications for apparel, backpacks, as well as industry.

ECO DATA

