

Mylar® Based Backsheets with 33% Recycled Content



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DuPont Teijin Films have pioneered the use of post consumer recycled content in backsheets, reducing the carbon footprint and giving another life to single use plastic waste.

Plastics have improved life for society in countless ways, but as the inventor of polyester film we also know there is a responsibility to minimise its environmental impact and

to strive for circular business models where precious resources are re-used rather than wasted.

We are proud to be pioneering the use of advanced monomer recycling technologies with our multi award winning LUXCR™ depolymerisation process. This enables us to upcycle post consumer waste, restoring its optical, mechanical and chemical properties to the point where we can give it another life as part of a Mylar® UVHPET™ based backsheet.



Carbon Footprint Reduction

Mylar® UVHPET™ based backsheets are available with 33.3% post consumer recycled content, reducing the carbon footprint by 10% to just 2.962kg CO₂eq of film produced.

Giving Another Life to Plastic Waste

Using Mylar® RPET based backsheets in a typical 1MW installation will give another life to over 16,000 waste bottles.

Sustainability Without Compromise

Mechanical, optical and weathering properties are identical to virgin material.

