

Discover New Ciclic® C46

High-Quality, Recycled HDPE
Solution for Lasting Cover Films



**SAVINGS
UPTO
90%**

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High-Quality, Recycled HDPE Solution for Lasting Cover Films

Ciclic® C46 is made from 100% pre-consumer recycled HDPE, offering a more sustainable solution that **reduces environmental footprint** while **maintaining quality and performance** similar to virgin HDPE.



Sustainability

- **100% Pre-Consumer Recycled & Recyclable HDPE**
- Replace virgin HDPE with **high recycled content** from 30% to 100%, reducing CO₂ emissions by 27% to 90%.

Protection You Can Trust

Resistant to tearing, punctures, and moisture.

It guarantees your products remain intact, even in demanding conditions.

High-quality films

Low Gels, High Consistency.

Versatile by Design

Translucent base color for flexible coloration options while maintaining its performance.

Printability

Designed for ease of printing to maintain high-quality visuals.

High-quality rHDPE for Cover Films

Key features:

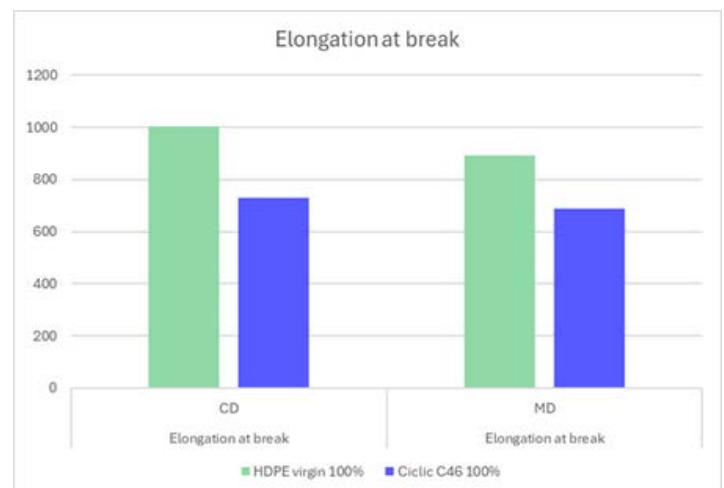
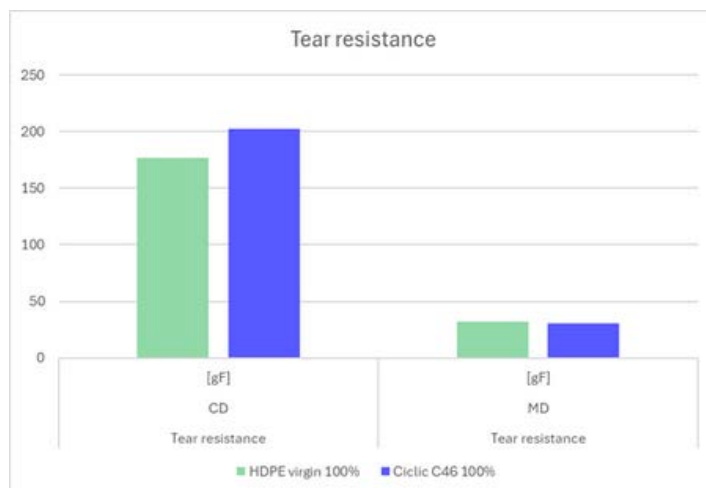
- 100% Pre-Consumer Recycled HDPE
- Up to 100% Recycled Content
- Replaces 30%-100% Virgin HDPE
- Reduces CO₂ Emissions by 27%-90%
- 100% Recyclable
- Top-Tier Mechanical Recycling Technology

Performance:

- Durability:** Withstands multiple cycles of use without compromising strength.
- Processing:** Easy to process with a consistent quality, efficient production.
- Mechanical properties:** Testing shows that replacing virgin HDPE with Ciclic® C46 rHDPE in monolayer films enhances tear resistance while maintaining performance levels similar to virgin HDPE in other properties.

Performance Benchmark

- Structure:** Monolayer film
- Thickness:** 20 microns



All data presented are based on tests conducted by the GCR Innovation Hub. The information provided in this product sheet is intended for guidance only and does not constitute a warranty of any kind.

Learn how Ciclic C46 can help you stay ahead of customer demands and meet their carbon neutral goals

A more sustainable solution

Applications for Protective Cover Films

Ciclic® C46 can be used in a wide range of protective cover films, delivering durability, sustainability, and reliable performance.



Textile



**Automotive
(Marking Film)**



**Interior
Furniture**



Paint

Certifications



GCR, Your Trusted Partner for Sustainable Plastic Solutions

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