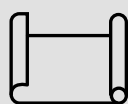




Exceed™ performance polymers

Videplast creates cast silage stretch film with ExxonMobil Signature Polymers



Reliability



Cost savings



Tear and puncture resistance



Crop protection

Data and results presented herein apply specifically to the noted application under this fact sheet. Your results may differ depending on factors such as operating conditions, equipment and materials used.

Challenge

Silage stretch films protect bale in the field, help to keep nutritious content of fodder, offer farmers opportunities to increase milk/meat quantity and quality.

The development of the Videplast silage stretch film follows a comprehensive and methodical process aimed at exceeding market expectations and establishing a new standard in the industry. It begins with extensive market research, conducted in partnership with ExxonMobil Signature Polymers, to thoroughly understand the dynamics of silage preservation, identify unmet needs, and analyze gaps in existing solutions. This foundational analysis enables the creation of a product precisely tailored to address the challenges faced by farmers.

Insights from the research phase are translated during product design into well-defined specifications, encompassing mechanical resilience, stretchability, UV resistance, and puncture resistance. These specifications ensure the product meets critical requirements such as maintaining airtight conditions and accommodating diverse forage characteristics.

Solution

The toughness performance provided by Exceed™ m 3516.PA metallocene polyethylene prevented damage in the field and during handling maintaining integrity of bale wrap. ExxonMobil was chosen for this collaboration not only for superior resin performance, but also for its extensive expertise and support throughout the project. Knowledge in formulation and grade selection was critical, with ExxonMobil providing valuable insights into optimizing the material's balance between stretchability, strength, and cling properties, ensuring the final product met market demands.

Additionally, ExxonMobil offered robust technical support, including tailored design recommendations that aligned with the specific requirements of cast stretch films. "Their deep understanding of resin behavior during processing further ensured compatibility with Videplast's production methods, minimizing potential challenges and enabling a smooth and efficient manufacturing process," said Leandro Martinoto – Corporate Operations Manager. "The collaborative approach between the two companies played a pivotal role in the project's success, with ExxonMobil actively contributing to both the technical development and overall refinement of the product to meet high-quality standards."

The expectations for this innovative silage stretch film are substantial in terms of business growth, market expansion, and cost efficiency.

Results

The development of the innovative silage stretch film is expected to drive significant growth for Videplast by strengthening its position in both domestic and export markets. This solution complements Videplast's extensive portfolio for the agricultural sector, which includes solutions for seeds, fertilizers, grains, and animal nutrition products. Together, these solutions showcase Videplast's ability to deliver comprehensive support to farmers, enhancing their performance in the field while ensuring that agricultural products are safely packaged and stored to minimize losses.

By addressing a critical need in silage preservation, the silage stretch film not only solidifies Videplast's reputation as a trusted partner in the agricultural industry but also opens doors to new business opportunities. This product positions the company to expand its reach in export markets, where demand for high-performance agricultural packaging continues to grow. Furthermore, the robust performance and reliability of this solution reinforce the company's capability to innovate and cost-efficiently meet diverse farming needs, enabling Videplast to explore new applications within the agricultural supply chain.

In addition to market growth, the efficiency and durability of the silage stretch film offer cost savings for farmers by reducing spoilage and waste during storage and transport. This economic benefit, coupled with the product's advanced features, strengthens Videplast's competitive edge and creates a pathway for sustained business expansion in both traditional and emerging markets.



ExxonMobil
Signature Polymers

Bring your impossible

ExxonMobil Signature Polymers was born from the belief that people fuel progress. From automotive and construction to packaging, agriculture, industrial, and beyond, we leverage the scale and reach of ExxonMobil to deliver the insights and innovations that empower our diverse, global partners to take their businesses to new heights. We continuously work to provide the listen-first, service-driven, game-changing collaboration that unlocks opportunities for our partners and advances and business goals.



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What's new: ExxonMobil Signature Polymers

All our polymers are now positioned under a single portfolio brand: Signature Polymers. The aim is to simplify our product architecture and naming to improve portfolio navigation for you. We would like to stress that our commitment to high quality products remains the same, it is the names that change. Everything else remains the same. We will be making these modifications over the next six months so you will see both old and new grade names highlighted during that time.

Here's a quick overview of brands and grade names that have changed in this document:

Legacy Commercial Name

Exceed™ XP 8346PA

New Commercial Name

Exceed™ m 3516.PA

Some of our existing Exceed, Achieve, Paxon and premium PP/HD grades have moved to Exceed brand; most existing Enable grades have moved to Exceed Flow[+]; most of our existing Exceed XP grades have moved to Exceed Tough[+]; most of our existing Exceed S grades have moved to Exceed Stiff[+]. More details here https://www.exxonmobilchemical.com/en/brands/signature-polymers/exceed_high_performance_polymers or contact your ExxonMobil representative to know more.

Want to see what's changed in our portfolio? Go to [exxonmobilchemical.com/sptransform](https://www.exxonmobilchemical.com/sptransform)