Exceed<sup>™</sup> XP performance PE Case study

## **E**‰onMobil



# Exceed™ XP replaces EVA in stretch hoods to provide better holding force performance

#### **Benefits**

High holding force and elasticity

Extreme puncture resistance

better optics

Low haze,

Recyclable\*

Smooth processing

### Challenge

EPISA, a major plastic film and product manufacturer located in Tlaxcala, Mexico, was looking for a solution to replace the ethylene vinyl acetate (EVA) content in their stretch hoods for two reasons. EVA was in low supply. They also wanted a recyclable alternative to EVA, which possesses recyclability challenges.

#### Solution

Having worked closely with ExxonMobil for many years, EPISA reached out to ExxonMobil for a solution. ExxonMobil recommended replacing the EVA in the stretch hood formulation with Exceed XP 7052 as it will augment the film's mechanical strength and puncture resistance in the incumbent formulation that also included Exceed<sup>™</sup> 1018MA and Vistamaxx<sup>™</sup> 6102.

#### Result

In tests conducted by EPISA on the formulation incorporating Exceed XP 7052, they were delighted with the resultant film's 25% stronger holding force performance than the EVA-based formulation. A stronger holding force is a critical criterion for stretch hoods as it ensures pallet stability.

"By replacing EVA with Exceed XP, the processability in our extrusion equipment increased, reducing waste and startup time," said Abraham Sleiman, CEO of EPISA. "With EVA replacement, we've also made the film recyclable\*, in line with our company's sustainability goals," he added.

EPISA also reported lower haze and better optics from the Exceed XP formulation versus the EVA-based formulation.



#### Stretch hood film performance using Exceed™ XP 7052 vs EVA





Stretch hood operation with EPISA's film using Exceed XP



Close-up of stretch hood showing its taut holding force

#### Why ExxonMobil PE? Why today?

tomorrow's **performance** today

What some might view as solutions that will only happen in the future, ExxonMobil PE is making possible today – through our innovative and reliable products, collaborative approach, technology leadership and support, and our unmatched global supply and resources. Why wait for tomorrow to advance your business today? Learn more about how we're helping our customers create solutions with sustainability benefits now. Contact your ExxonMobil PE representative and begin experiencing tomorrow's performance today in stretch hood films.

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