



Vistamaxx™ Exact™

## Rethink Recycle



Increases recycled content incorporation



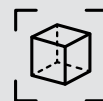
Reduces input cost



Higher product and process consistency



Improves toughness and tear resistance

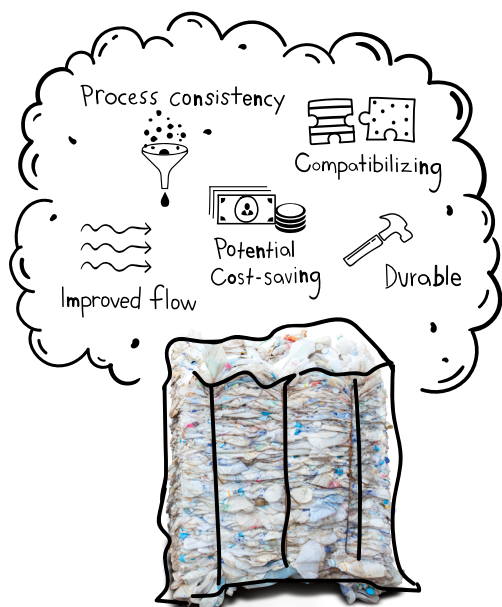


Enables higher margin applications

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.

**Vistamaxx™ performance polymers and Exact™ polyolefin elastomers are proven, cost-effective solutions that can enable low-cost recycling, targeting high-value applications.**

Recycling of plastics is a global growth market. One of the main barriers to incorporating recycled content is the need for costly and time-consuming separation of incompatible plastics. By allowing incompatible PE and PP plastics to mix in the melt, Vistamaxx performance polymers or Exact POE can reduce the need for separation and offers manufacturers the possibility of higher-quality outputs, potential cost reduction due to increased recycle content, and potential access to new lower-quality, lower-cost recycled content sources.



Using HDPE recycle and 5% Vistamaxx polymers can provide a potential

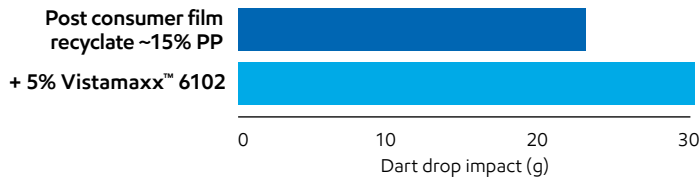
**58%**

cost saving over virgin resin.

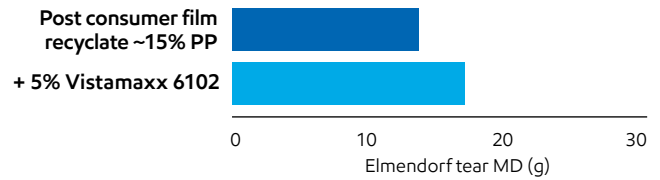
# Rethink Recycle with Vistamaxx™ and/or Exact™ to help increase the incorporation of recycled content, improve performance and enable compatibilization of PE and PP.

## Incorporated into film recyclate applications

### Upgrade of low quality PE recyclate streams – household waste



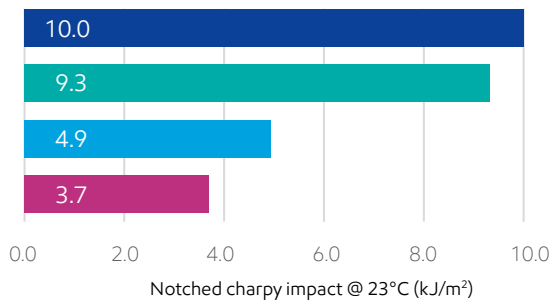
**40%**  
higher dart impact



**23%**  
higher tear resistance

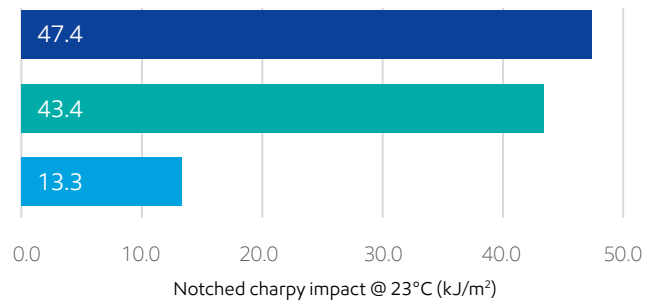
## In molded recyclate applications

### Upgrade of low quality recycle streams – household waste



- Recyclate reference (80% PP + 20% HDPE)
- Recyclate reference +10% Vistamaxx 6202
- ExxonMobil performance polymer solution Recyclate + 5% Vistamaxx 6202 + 5% Exact 5371
- Virgin ICP (PP7054L1)

**150%**  
higher impact strength



- Recyclate reference (80% HDPE +20% PP)
- ExxonMobil performance polymer solution Recyclate + 10% 5371
- ExxonMobil performance polymer solution Recyclate + 5% Vistamaxx 6202 + 5% Exact 5371

**250%**  
higher impact strength

## 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. The composition of the products are unchanged, it is only the names that updated. We will be making these modifications over the next few months, through mid 2025, so you will see both old and new grade names highlighted during that time. Grade slate of Vistamaxx™ performance polymers will keep unchanged.

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

**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 their sustainability and business goals.



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