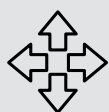


Vistamaxx™ performance polymers

## Value-added solution for PP raffia tapes

Manufacturers of PP raffia packaging are looking for added-value materials that lower packaging costs and improve line speed. The versatility of Vistamaxx™ performance polymers can provide innovative opportunities to meet the emerging market needs for better packaging integrity and higher packaging efficiency.

### Enhanced product performance



Better dispersion  
of filler



Higher filler  
loading



Lower processing  
temperature

### AFMB with Vistamaxx polymers enables



Improved PP  
tape performance



Higher AFMB  
let down



Cost saving  
opportunities

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.

## Reduced costs through enhanced AFMB

To reduce the costs of PP tapes, manufacturers are looking to use higher percentages of anti-fibrillation masterbatch (AFMB). Vistamaxx polymers are highly compatible with PP and when blended with homo-polypropylene (hPP) resin as a carrier in AFMB, they:

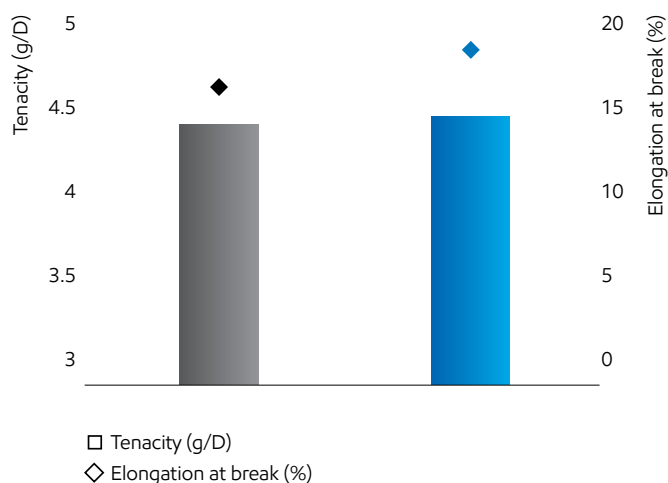
- help improve the AFMB compounding process
- allow further cost savings through higher filler let down, while maintaining tape properties

### Improved compounding process

Using Vistamaxx polymers as a carrier in masterbatch compounds leads to better dispersion, improving the compounding process and the tape's properties. Vistamaxx 6202 (MFR 20) helps reduce processing temperature and the need for processing aids. The use of Vistamaxx™ 6502 (MFR 48) can further enhance flow and lead to increased energy savings.

## Higher filler let down to reduce costs

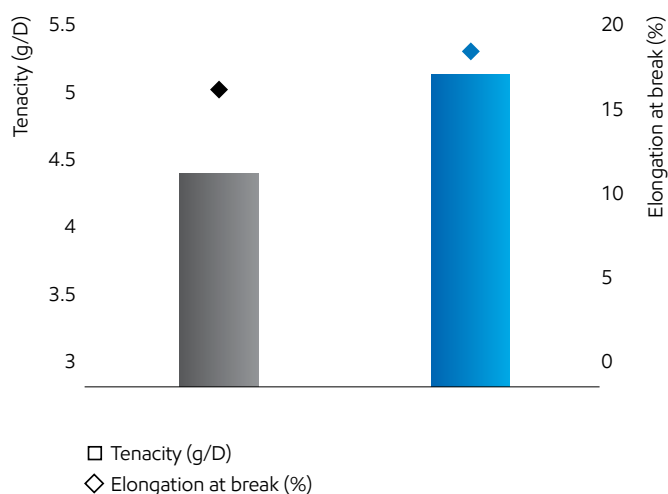
A Vistamaxx performance polymer-based AFMB allows for more filler let down compared to a conventional AFMB, reducing the raw material costs of the tapes. And, because Vistamaxx polymers improve the elongation of the tape, they help lessen tape breakage during tape making and weaving, which enables faster line speeds to improve output.



	Reference	Masterbatch with Vistamaxx™ polymers
<b>Tape</b>	80% hPP 20% hPP-based masterbatch	70% hPP 30% Vistamaxx-based masterbatch
<b>Masterbatch</b>	85% CaCO <sub>3</sub> 15% hPP	85% CaCO <sub>3</sub> 7.5% hPP 7.5% Vistamaxx 6202

## Enhanced performance

Apart from cost savings, manufacturers of PP raffia packaging are also looking for enhanced performance of their product. Using Vistamaxx polymers blended with hPP as a carrier in AFMB, enables the production of tapes with improved elongation and tenacity at the same masterbatch level.



	Reference	Masterbatch with Vistamaxx polymers
<b>Tape</b>	80% hPP 20% hPP-based masterbatch	80% hPP 20% Vistamaxx-based masterbatch
<b>Masterbatch</b>	85% CaCO <sub>3</sub> 15% hPP	85% CaCO <sub>3</sub> 7.5% hPP 7.5% Vistamaxx 6202

Contact us for more information:

[exxonmobilchemical.com/vistamaxx](https://exxonmobilchemical.com/vistamaxx)

## 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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