



Vistamaxx™

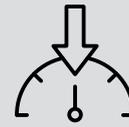
Innovative laminated fabric solution with Vistamaxx™ performance polymers



Mono-material* potential



Competitive mechanical performance



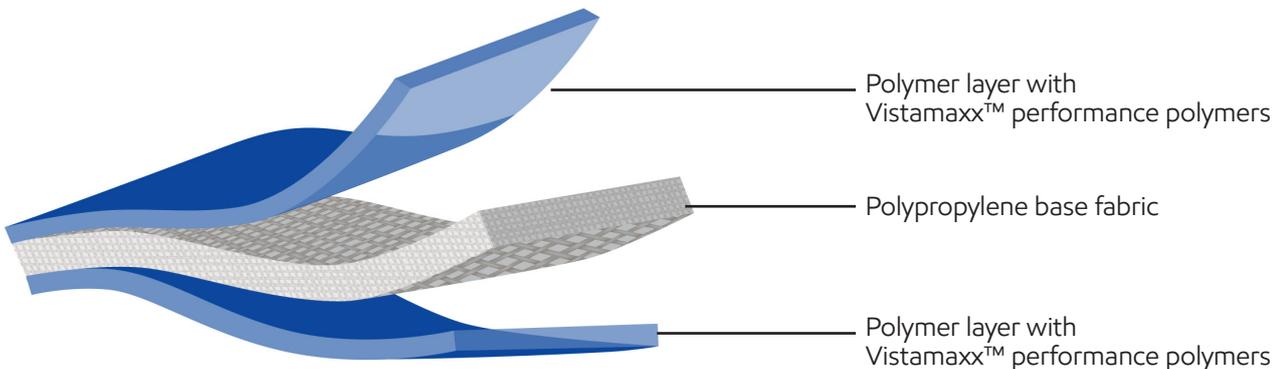
Weight reduction

Data and results presented herein apply specifically to the noted application under this factsheet. Your results may differ depending on factors such as operating conditions, equipment and materials used.
*Propylene-based mono-material solution

Laminated or coated fabrics are commonly used in transportation, construction, agriculture and outdoor leisure industries, such as side curtains, flex banners, and tents. Currently, polyvinyl chloride (PVC) is usually used as the polymer layer coating or laminate on the base fabric. To fulfill the diversified requirements of the industry, ExxonMobil developed an innovative PVC alternative solution that helps enable weight reduction at the same gauge with competitive performance. When combined with a polypropylene (PP) base fabric, the resulting laminated or coated fabric can be designed as a mono-material solution.

Propylene-based mono-material solution

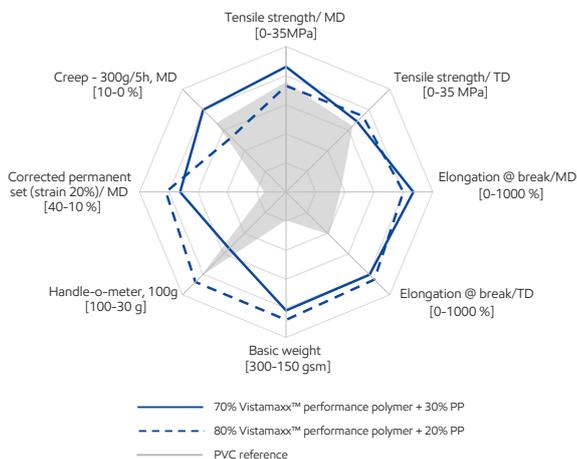
Both Vistamaxx™ performance polymers and ExxonMobil's performance PP are propylene-based polymers. Together with PP fabric, a solution with Vistamaxx can unlock the possibility of creating a mono-material solution, which may help to bring the value of low TVOC and potential cost benefits.



Competitive performance with weight reduction benefit

With lower raw material density, Vistamaxx™ performance polymers could help enable weight reduction at the same gauge while providing competitive performance for laminated fabric end applications compared to PVC, which could bring benefits to end-users like energy efficiency and easy deployment of covering.

Polymer layer performance

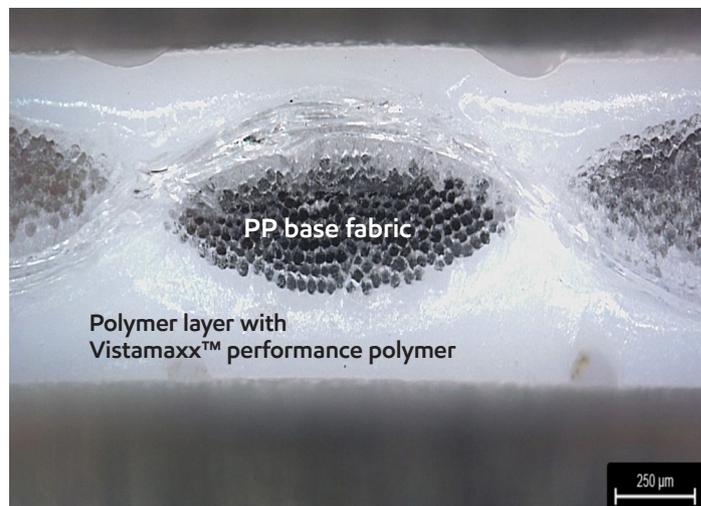


Data traceability: R2407-021956; R2412-024781, based on 200µm sample

- Around 35% weight reduction of the polymer layer at the same gauge
- Competitive mechanical performance
- Enhanced toughness and durability

Processing friendly

By leveraging Vistamaxx™ performance polymers and ExxonMobil's performance PP portfolio, the solution can be fine-tuned to achieve differentiated value in different end applications, as well as be applicable to existing conversion methods.



Good product integrity with >60% Vistamaxx™ performance polymers blend with polypropylene (PP), by extrusion coating, on PP fabric

ExxonMobil product portfolio

| Product grade | Melt flow rate (g/10min, 230°C) |
|------------------------|---------------------------------|
| Vistamaxx™ 6102 | 3 |
| Vistamaxx™ 6202 | 20 |
| Vistamaxx™ 6502 | 45 |
| ExxonMobil™ PP7032E3 | 4 |
| Exceed™ PP7123KNE1 | 11 |
| Exceed™ Tough PP8285E1 | 30 |
| Exceed™ PP7585E1 | 50 |
| Viscosity (190°C) | |
| Vistamaxx™ 8880 | 1200 cP |

All data in this document were tested per ExxonMobil method.



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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