











Vistamaxx™ performance polymers

Enhancing possibilities for assembly, hygiene and packaging hot melt adhesives

Low viscosity Vistamaxx™ performance polymers create new possibilities for high-performance, low odor and high mileage hot melt adhesives (HMA) used in assembly, hygiene, and packaging applications. These polymers enable the development of a new generation of premium hot melt adhesive formulations for trouble-free and user-friendly application.

Vistamaxx performance polymers offer more adhesive mileage per kilogram/pound than conventional EVA- and APAO- based formulations and the flexibility to tailor to specific formulation needs.

 Tunable open time Enables a wide range of assembly applications	 Thermally stable Excellent thermal stability under typical adhesive application conditions	 High-temperature performance Enables high softening point HMA having excellent adhesion	 Processability Outstanding range of formulation viscosity available
 High mileage and low odor Provided by high polymer loading	 Compatibility Excellent compatibility with polypropylene and polyethylene, plus good compatibility with tackifying resins	 Adhesion Versatile solution for low-energy substrates	 Cohesive strength Tunable elasticity and elongation

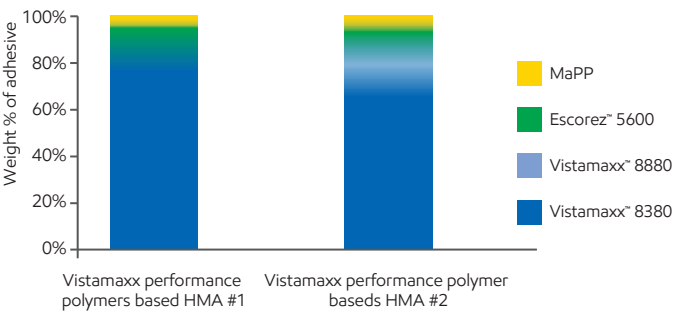
Assembly

- 70–90% polymer loading possible, enabling low density hot melt adhesives with high mileage
- Formulations also offer improved heat resistance, low application temperatures, and improved adhesion compared to APAO- and MCN-PE-based formulations

Assembly needs	Vistamaxx™ performance polymers	EVA	APAO
Low odor	● ●	●	● ●
High mileage	● ●	○	● ●
Adhesion	● ●	● ●	○
Low application temperature	●	○	●
Heat resistance	● ●	●	● ●

●● Very good ● Good ○ Average

Assembly HMA formulations: bimodal blending opens up possibilities

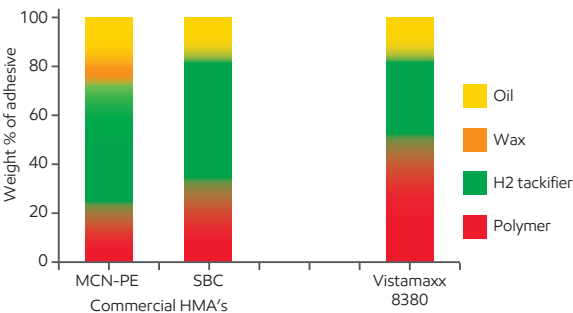


Hygiene construction and elastic attachment

- 45–65% polymer loading enables formulation flexibility to meet open and set time needs
- Excellent adhesion to low surface energy substrates

Hygiene needs	Vistamaxx	SBC	MCN-PE
Low odor	●		●
High mileage	●		
Bond stability	●		
Broad application temperature	●	●	
Robust application	●	●	●
Adhesion	●	●	●

Low viscosity grades enable high polymer loading in hygiene adhesives

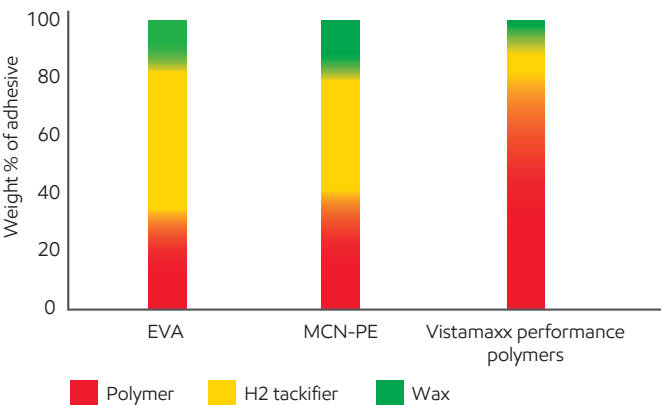


Packaging

- Up to 90% polymer loading possible
- Significantly lower density, lighter weight formulations for increased mileage, compared to EVA- and MCN-PE-based alternatives

Packaging needs	Vistamaxx	EVA	MCN-PE
Low odor	●		●
High mileage	●		●
Thermal stability	●		
Adhesion at extreme temperatures	●	●	●
Robust application	●	●	●
Broad application temperature	●	●	●

Packaging HMA examples



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 names that change. Grade slate of Vistamaxx™ performance polymers will keep unchanged.

Want to see what's changed in our portfolio? Go to exxonmobilchemical.com/sptransform

Contact us for more information: exxonmobilchemical.com/vistamaxx

ExxonMobil
Signature Polymers

Bring your impossible



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