

NEWS

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ExxonMobil Continues to Demonstrate Focus on “Creating Sustainable Solutions. Together.” at Chinaplas 2024

SPRING, Texas – [ExxonMobil](#) will demonstrate how it is “Creating Sustainable Solutions. Together.” at [Booth C57, Hall 6.2](#) at Chinaplas 2024 in Shanghai, China. The display will feature innovative solutions from a wide range of applications including packaging, hygiene, automotive, agriculture, consumer products and building and construction. It will also showcase samples created in collaboration with customers, machinery original equipment manufacturers (OEM) and brand owners.

These advanced solutions incorporate ExxonMobil’s performance polymers that can help boost performance while offering sustainability benefits:

▪ **Solutions designed for recyclability¹** due to simplified, mono-material PE, PP or PO structures that can be easier to recycle compared to more complex multi-material solutions. Samples will include:

Primary Packaging:

- ExxonMobil™ HDPE 7165L-based solution for Machine Direction Oriented (MDO) blown film.

- A variety of pouches designed for recyclability¹ including a mono-material stand-up pouch with machine direction oriented (MDO) cast film, a de-inkable, mono-material PE pouch with barrier properties and an ExxonMobil™ HDPE 7165L-based pouch with outstanding stiffness with blown film.

- 9-layer EVOH COEX high-barrier, MDO PE substrate film, providing outstanding stiffness for downstream convertability.

- A recyclable¹, thermoformed full-PE water-quenched package with high oxygen barrier along with uncompromising package functionality and optics.

- [Vistamaxx™ performance polymers](#) that replace conventional sealants in cast polypropylene (cPP) films to provide low seal initiation temperature (~90°C) as well as a broad hot-tack window that can enable single material laminate designs that can improve recyclability¹.

Secondary Packaging:

¹ Recyclable in communities with programs and facilities in place that collect and recycle plastic films.

- An innovative double bubble polyethylene-based shrink film (PEF) solution, the next generation of Polyolefin Shrink Film (POF), created using ultra-low density [Exceed™ XP performance polyethylene](#).

- **Solutions that help enable the incorporation of mechanically recycled content** and can help increase the incorporation of recycled content to higher levels compared to previous solutions. This is because ExxonMobil performance polymers are used to help maintain or boost performance. Samples will include:

- Heavy duty sacks (HDS) and courier bags that incorporate up to 30% recycled PE content.

- Mobil 1 motor oil bottles that incorporate recycled HDPE content that has been modified with Vistamaxx™ performance polymers which can also help enhance impact resistance, Environmental Stress Crack Resistance (ESCR) and quality consistency of the bottle.

- Mini suitcases incorporating recycled PP content from milk powder lids that are modified by Vistamaxx™ performance polymers that can help improve drop test performance, appearance and dimensional stability.

- **Do more with less** by reducing raw material use while helping to maintain or boost performance using ExxonMobil performance polymers. Samples will include:

- Downgauged heavy duty sacks (HDS) and medium duty sacks for rice packaging.

- Air tube bags for e-commerce logistics.

New Energy Vehicles (NEVs) use [Achieve™ Advanced PP](#) to offer interior and exterior light weighting opportunities. This includes a neat resin solution in door panels and trim, and a glass fiber PP solution to replace metal or engineering plastics.

Additionally, beads foaming automotive parts that are enabled by the incorporation of Vistamaxx™ performance polymers can offer additional opportunity for lightweighting.

- **Solutions that contain ISCC PLUS mass balance² certified-circular polymers** that leverage [Exxtend™ technology](#) for advanced recycling of plastic waste. This technology can help broaden the range of plastic waste that can be recycled. Samples will include protein packaging trays using ISCC PLUS certified-circular polymers in collaboration with SEE Australia (formerly Sealed Air) and film produced by Amcor for Cadbury Australia.

Visitors to ExxonMobil's booth will also have the opportunity to interact with local and global experts to discuss solutions to their challenges and design

² ISCC PLUS mass balance approach using the "determined by mass" option with "certified free attribution" applied.

options. A series of TechTalks focused on the latest technologies and solutions will also be presented at the booth.

“ExxonMobil is dedicated to developing innovative solutions that can help address the increasing sustainability challenges faced by industry today,” said J Dow, Global Marketing Manager for Polypropylene, Vistamaxx™ and Exact™. “We’re committed to improving quality of life by meeting the needs of society via collaborations with our value chain players.”

Reflecting its firm commitment to the local market, ExxonMobil is progressing a multi-billion-dollar chemical complex in Huizhou, Guangdong Province, with a 1.6 million ton per annum flexible feed stream cracker and more than 2.5 million tons per annum of high-performance polyethylene and polypropylene units. With strong support from the Guangdong government and a robust local infrastructure and industry ecosystem in Huizhou, Phase One of the project located in Dayawan Petrochemical Industrial Park is progressing faster than planned and has achieved a milestone of more than 50 million safe hours. The project is making remarkable progress and is on track for startup in 2025.

Full details of ExxonMobil’s presence at Chinaplas can be found at [our website](#).

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About ExxonMobil

ExxonMobil, one of the largest publicly traded international energy companies, uses technology and innovation to help meet the world’s growing energy needs. ExxonMobil holds an industry-leading inventory of resources, is one of the largest refiners and marketers of petroleum products, and its chemical company is one of the largest in the world. To learn more, visit exxonmobilchemical.com or follow us on LinkedIn.

Cautionary Statement: Statements of future events or conditions in this release are forward-looking statements. Actual future results, solutions related to recyclability, recycling or advanced recycling, and business and project plans, timing, costs, capacities and profitability could vary significantly depending on a number of factors including the supply and demand for oil, gas, and petroleum products and other market factors affecting oil, gas, petrochemical and feedstock prices; the outcome of further research and testing; the development and competitiveness of alternative technologies; timely completion of development and other construction projects; unforeseen technical or operating difficulties and unplanned maintenance; actions of competitors and commercial counterparties; the ability to scale pilot projects on a cost-effective basis; political and regulatory developments including actions that may favor certain types of technologies over others; the outcome of commercial negotiations; and other factors discussed under Item 1A Risk Factors in ExxonMobil’s

most recent annual report on Form 10-K and set forth under the heading “Factors Affecting Future Results” on the Investors page of our website at exxonmobil.com.

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