

Eastman PET Renew

for sustainable consumer health packaging

Unlocking a circular future for sustainable medical grade packaging

Eastman PET Renew for over-the-counter (OTC) medical grade packaging features the same quality and performance as our virgin PET offerings — now with up to 100% certified recycled content.*

Whether you want to meet and exceed your company's sustainability goals or anticipate future packaging legislation, Eastman PET Renew is the right choice.

Increase recycled content in regulated, contact-sensitive medical applications without sacrificing brand identity or the product safety consumers trust with Eastman PET Renew.

**Via ISCC PLUS mass balance allocation*



Position your brand as a leader in solving the plastic waste crisis.



Sustainability

Get virgin-quality recycled PET that diverts hard-to-recycle waste from landfills using Eastman's molecular recycling technology.



Safety

Eastman PET Renew has a U.S. FDA Drug Master File (DMF) in place and delivers ISCC PLUS-certified recycled PET, enabling brands to achieve sustainability goals with peace of mind.



Aesthetics

Get virgin-like clarity, transparency and gloss with up to 100% certified recycled content,* delivering premium visual quality to stand out on the shelf.



Performance

Eastman PET Renew is suitable for contact-sensitive and regulated packaging applications.

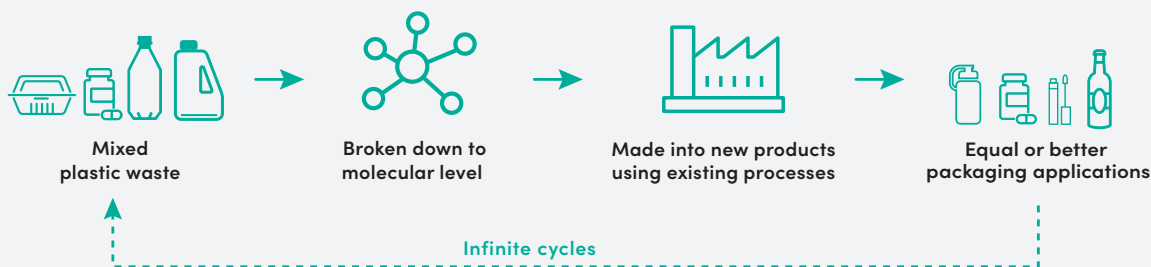
**Via ISCC PLUS mass balance allocation*

Contact us



Eastman’s material-to-material molecular recycling process

Eastman converts hard-to-recycle plastic waste into virgin-quality materials via our molecular recycling technology. This reduces our reliance on fossil feedstocks and lowers our overall environmental impact, diverting plastic from landfills, incinerators and the environment.



Available at scale now

Eastman’s first molecular recycling facility in Kingsport has been operational and delivering at scale since early 2024 with the capacity to process over 110,000 MT per year of plastic waste as feedstock.

Make your packaging stand out on the shelf with Eastman PET Renew while meeting evolving regulations and consumer demands.

Medical standards and support

Access to high-performing and compliant packaging resins is critical for leading supplement and OTC consumer health brands. To provide lasting reliability and proven user safety, material suppliers must provide advanced, high-quality raw materials that help comply with protocols and regulations.

Eastman PET Renew for OTC consumer health packaging is created with the same medical standards as our legacy virgin PET solutions, supporting a smooth customer transition to more sustainable offerings.

Eastman’s PET portfolio for OTC consumer health packaging			
Medical standards and support	Eastman PET	Eastman PET Renew	Certifications
Quality systems and GMP (Good Manufacturing Practices)	✓	✓	Products will be manufactured subject to GMP. Eastman operates using a system that complies with the requirements of ISO 9001 for the design, development, manufacture and supply of polymers.
U.S. FDA Drug Master Files (DMF)	✓	✓	Our PET offerings (with and without recycled content) will be included in the same existing DMF.
U.S. FDA No Objection Letter (NOL)	N/A	✓	The FDA determined that Eastman’s molecular recycling process is expected to produce products suitable for the manufacture of food-contact materials.

Material data for resins

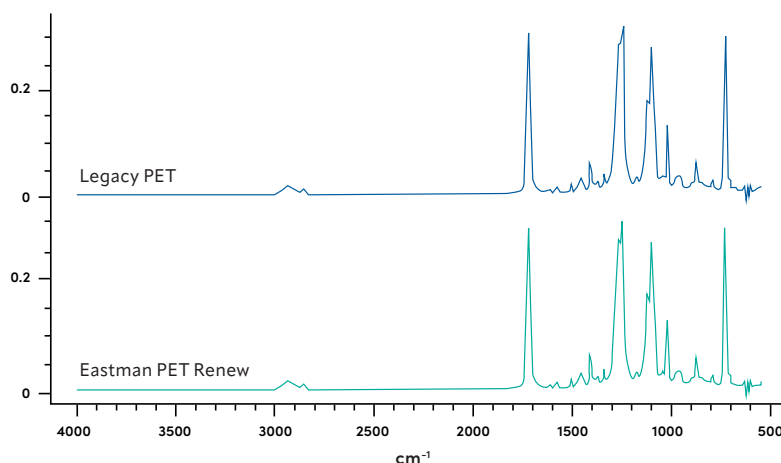
We provide our customers with confidence that products created through our molecular recycling technology are equal in quality and performance to our legacy fossil-based products.

		Eastman's PET portfolio for OTC consumer health packaging	
Analytical methods	Property acceptance criteria	Without Renew content	With Renew content
Inherent viscosity, dL/g	0.80 ± 0.02	0.80	0.80
Fourier-transform infrared spectroscopy (FTIR)	Spectrum match	✓	✓
Nuclear magnetic resonance (NMR) spectroscopy	Spectrum match	✓	✓
Rheology curve	Spectrum match	✓	✓

Legacy PET vs. Eastman PET Renew for OTC consumer health packaging – Fourier-transform infrared spectroscopy (FT-IR)

Figure 1.

FT-IR is a reliable analytical method used for the identification of polymers and assessment of the quality of plastic materials. The FT-IR spectra of Eastman PET Renew matches with Eastman legacy PET.



Disclaimer

The material properties demonstrated in this figure are representative of the average characteristics observed within typical lots and are provided for general reference and informational purposes only. Actual results may vary slightly due to manufacturing variations.

Talk to an Eastman expert about introducing Eastman PET Renew as your sustainable solution for consumer health packaging.



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