



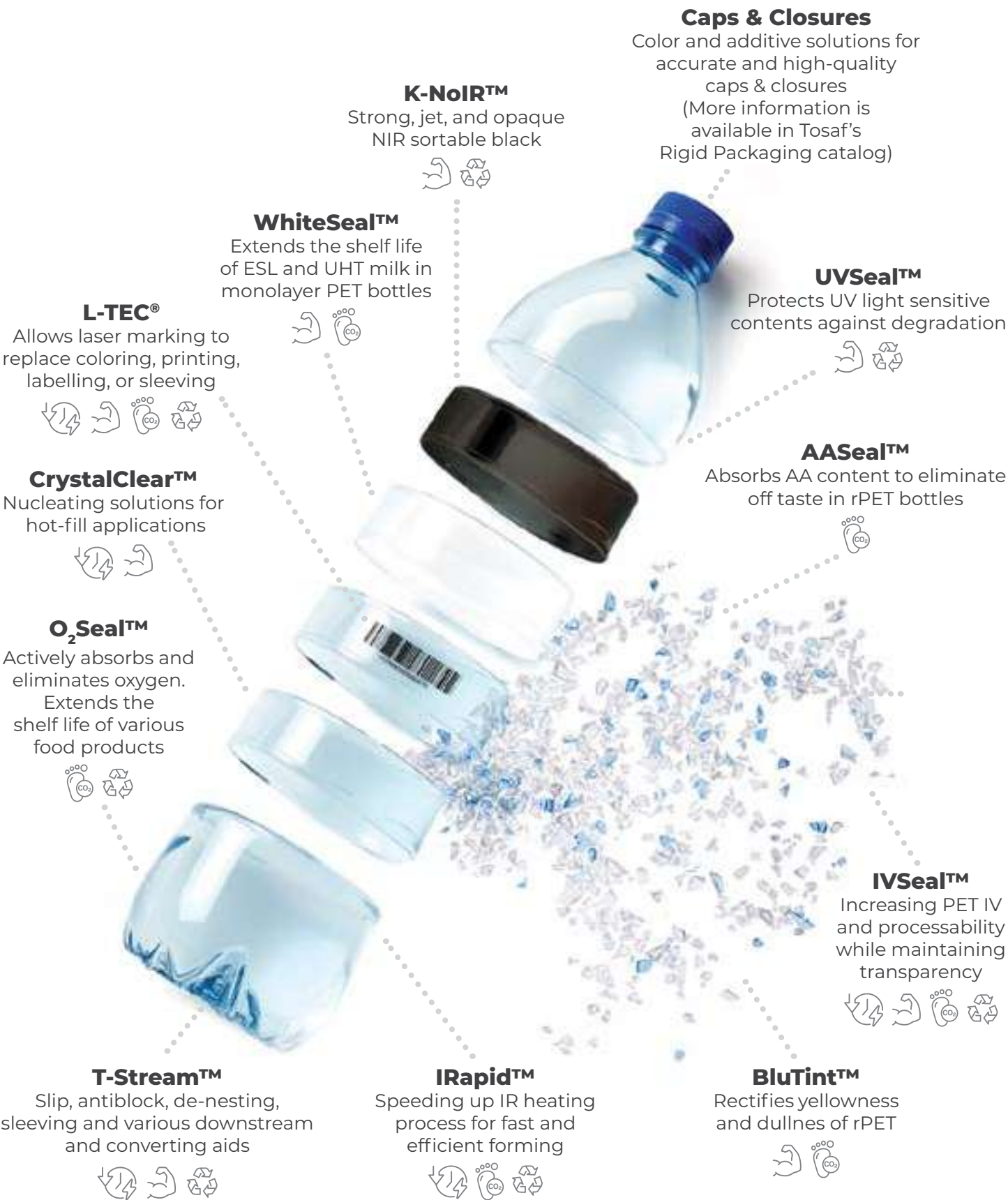
CMGulf

Advanced Additive & Color Solutions
for **PET and rPET**

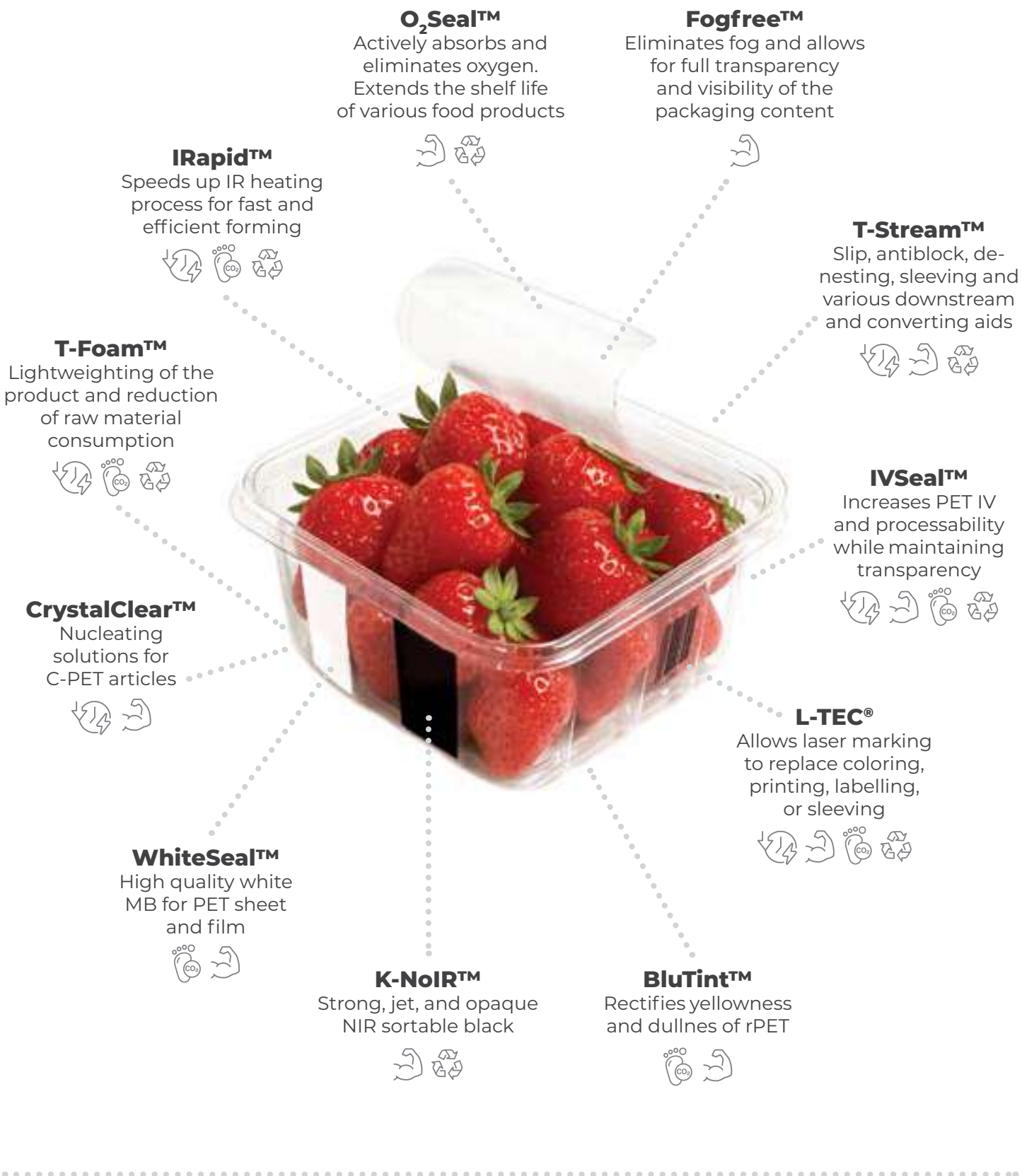
Shaping the Future of PET and rPET

Navigating the PET industry comes with its unique set of challenges, from enhancing product performance to meeting sustainability goals and managing costs. Our R&D and innovation team developed a set of solutions tailored to improve the quality and efficiency of your products while significantly reducing environmental impact.

Solutions for Bottles



Solutions for Trays, Sheets, and Films





Making the Most of PET and rPET



Key Masterbatch Solutions

- BluTint™** – Toners for reviving and rectifying yellowish and dull rPET
- IVSeal™** – Chain extenders for boosting IV and processability of rPET
- O₂Seal™** – Oxygen scavenger solutions for extension of food shelf-life
- T-Stream™** – Facilitating downstream, conversion, and packaging processes
- WhiteSeal™** – High quality white solutions for PET and rPET
- K-NoIR™** – NIR-sortable black solutions

Sustainability That Performs

- Our PET solutions are engineered to improve both performance and environmental outcomes:
- ✓ Enable higher recycled content usage without compromising quality
 - ✓ Support recyclability through NIR-sortable black and fully recyclable additives
 - ✓ Reduce carbon footprint with energy-efficient processing aids and chain extenders
 - ✓ Extend shelf life to reduce food waste and packaging complexity

Main Applications

Bottles and Jars for Food and Cosmetics

- Trays and Clamshells for Food Packaging
- Films for Flexible Packaging
- Solid Sheets for Construction and Automotive
- Fibers and Textiles

Your Success Is Our Mission

- Reliable, high-performing materials are key to thriving in any industry. That’s why we work closely with you, from lab to execution, to tailor solutions that meet your exact needs.
- **Global reach** with local support
 - **Custom formulations** for your process and environment
 - **Decades** of proven performance
 - **Expert guidance** when and where you need it
 - **Long-term partnerships** to improve resilience and productivity

Masterbatch Solutions for PET

>> This catalog features core solutions designed to address common industry needs. Customized grades are also available to support unique challenges and evolving requirements.

BluTint™ - Functional Color Control Solutions

Challenge	Solution	Function	Benefits
Maintain color consistency when using rPET, specifically with high shares of yellowish and dull rPET	MT603431 EU	Rectify and revive color and diminish yellowness of thermoformed and blow molded PET articles made with rPET.	Clean and crisp appearance, enables higher rPET usage, lowers carbon footprint.
	MT603242 EU		
	MT480571		

Aged Glass™ - Functional Color Control Solutions



Challenge	Solution	Function	Benefits
Maintaining color consistency when using rPET, specifically with high shares of yellowish and dull rPET.	Enviro-Tec 7008	Aged glass for rPET, green-colored.	Special vintage look, enables higher rPET usage, lowers carbon footprint.
	Enviro-Tec 7009	Aged glass for rPET, amber-colored.	
	Enviro-Tec 7015	Aged glass for rPET, blue-colored.	
	Enviro-Tec 7006	Aged glass for rPET, violet-colored.	

WhiteSeal™ - Opaque and Translucent White

Challenge	Solution	Function	Benefits
Producing a white article with high opacity, high brightness, and high quality in a cost-effective fashion. Increasing and guaranteeing long shelf life of milk and other dairy products.	MT801022 EU	White MB for blow molding, extrusion, and injection molding applications.	High quality opaque white, eliminates need for complex and less recyclable multilayered structures.
	MT801066 EU		
	MT801222 EU	Copolyester-based white MB for PET blow molding and extrusion applications.	
	MT801028 EU	PETG-based white MB for PET blow molding and extrusion applications.	
	MT801801 EU	Super light tight white for ESL and UHT milk PET monolayers blow molded bottles.	

K-NoIR™ - NIR-Sortable Black Solutions

Challenge	Solution	Function	Benefits
Producing sortable and recyclable black products.	IR9093ETK EU	NIR-sortable black MB for extrusion and thermoforming.	Support recyclability and circularity.
	IR9096ETK EU		
	IR9095PEK EU	NIR-sortable black MB for extrusion and thermoforming. Specifically suitable for C-PET applications.	
	IR9097PEK EU		

StatFree™ - Anti-Static Solutions

Challenge	Solution	Function	Benefits
Preventing accumulation of electric charge.	ST8908WB EU	Anti-static coating for PET films, sheets, and thermoformed articles.	Immediate and long-lasting action, easy to apply.

IRapid™ - Fast Heating Solutions

Challenge	Solution	Function	Benefits
Preventing inconsistencies in bottle shape, size, and wall thickness. Improving time and energy efficiency of downstream processes.	IR9360ET EU	Heating MB for easy, rapid, and stable re-heating of PET blow molded and thermoformed articles.	Speeds up IR heating process in blow molding, thermoforming, sealing, shrinking, etc., transparent, enables higher rPET usage and lowers carbon footprint.

T-Stream™ - Downstream and Conversion Aids

Challenge	Solution	Function	Benefits
Preventing blocking, nesting, and self-adhering of PET products during production, converting, and packaging.	AB9140ET EU	Anti-block for PET films, sheets, and blow molded articles.	Solves typical downstream and conversion process issues (film blocking, nesting, sleeving difficulties, etc.).
	AB9142ET EU		
	AB9304WB EU	Anti-block coating for sheets, films, and thermoformed articles. Silicon-free.	
	SL9260WB EU	Highly loaded silicon emulsion for de-nesting of thermoformed articles.	
	SB9135ET EU	Slip anti-block MB for PET sheets and thermoformed articles. Provides antiblocking, reduction of COF and easy de-nesting.	
	SB9145ET EU		
	SB9132ET EU	Slip anti-block for injection molding and blow molding of PET articles. Reduces COF, prevents sticking and allows for easy sleeving.	
	SB9134ET EU		

TopFusion™ - Compatibilizers and Modifiers

Challenge	Solution	Function	Benefits
Solving inconsistencies of mixed material PCR and related quality and processing issues.	TopFusion PE2005	Compatibilizer for scrap cotaining PET, PE and barrier resins such as PA and EVOH.	Improves processability and performance of articles made of PCR, lowers carbon footprint.
	IP9793PE EU	Compatibilizer for PE applications containing PET-PE scrap.	

UVSeal™ - UV Control & Protection Solutions

Challenge	Solution	Function	Benefits
Increasing the shelf life of UV sensitive packed goods and PET articles.	UV7263ET EU	UV barrier MB for protecting sensitive content against incoming UV radiation. Can also be used for bulk stabilization.	Fully transparent and non-yellowing, fully recyclable, non-SVHC.
	UV7264ET EU	UV barrier and stabilizing solution for thin co-ex layers	

O₂Seal™ - Oxygen Scavenger and Barrier Solutions

Challenge	Solution	Function	Benefits
Increasing the shelf life of oxygen sensitive products.	OS4441DP EU	Oxygen scavenger MB for extruded, thermoformed, and blow-molded PET articles.	Extends shelf life of food products. Recyclable and replaces multilayered materials. Allows for downgauging of PET packaging materials.
	OS4455ET EU	PA-free oxygen scavenger MB for extruded, thermoformed, and blow-molded PET articles.	

L-TEC® - Laser Marking Solutions

Challenge	Solution	Function	Benefits
Replacing coloring, printing, labelling, and sleeving. Offering more recyclable and circular products.	LM8870ET EU	Transparent laser marking MB for PET articles.	High resolution laser marking, transparent background, fast and efficient, fully recyclable as transparent.

AASeal™ - Acetaldehyde Scavengers

Challenge	Solution	Function	Benefits
Eliminating off-taste of water in bottles made of rPET.	AA4445ET EU	AA scavenger MB for blow molded bottles made with rPET.	Prevents bad off-taste in bottled water, enables higher rPET usage, lowers carbon footprint.
	AA4448ETU EU	AA scavenger MB for blow molded bottles made with rPET. Combi with a blue toner.	

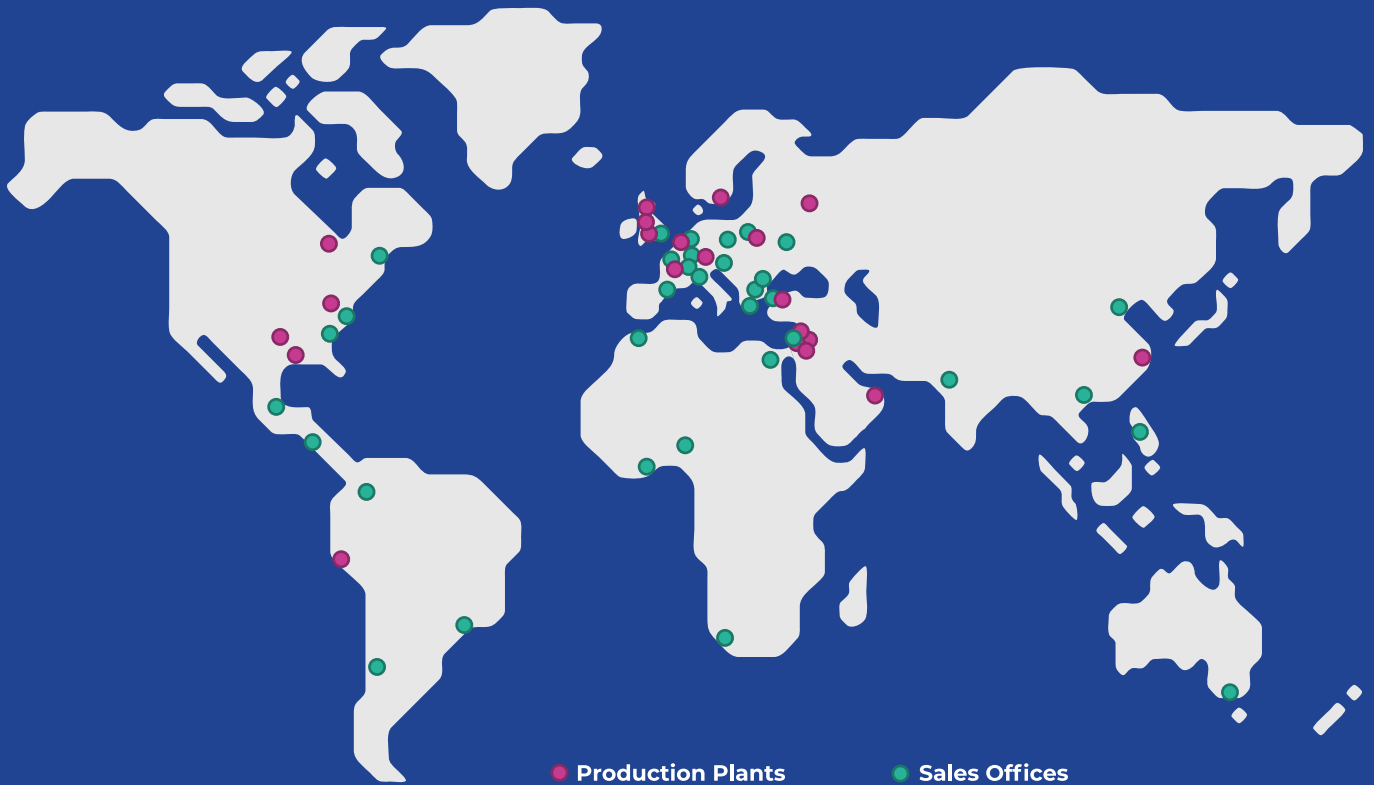
IV Seal™ - Chain Extenders

Challenge	Solution	Function	Benefits
Improving processability and performance of rPET, turning rPET production more time and energy efficient.	CX9123ET EU	Chain extender MB for PET applications, suitable for producers and recyclers.	Improves PET processability and properties, saves time and energy in SSP reactor for rPET process, enables higher rPET usage and lowers.
	CX9124ET EU		

FogFree™ - Anti-Fog Solutions

Challenge	Solution	Function	Benefits
Improving appearance of PET food packaging.	AF8745WB	Anti-fog coating for PET films, sheets, and thermoformed articles.	Keeps the packaging clear and transparent, extends shelf life, immediate and long-lasting action, easy to apply.
	AF9314ET	Anti-fog compound for PETG sealing co-layers.	
	AF9789ET EU	Anti-fog compound for PETG sealing co-layers with low sealing temperature.	

Making it Happen Globally.



Innovating for the Future

We are constantly preparing for the challenges of tomorrow, today!

- ✓ Immersing ourselves in your industry to deliver forward-thinking solutions.
- ✓ Customization is key - We'll create the precise solution you need.
- ✓ We heavily invest in cutting-edge machinery and technology to uphold the highest quality standards.
- ✓ Prioritizing sustainability with recyclable, environmentally-friendly products designed for a better future.

 www.cmgulf.com

 CMGulf (COMPOUNDMASTER GULF FZE)

Scan to get the
digital catalog >>

