

Making the Most 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 team and advanced technologies are tailored to improve the quality and efficiency of your products while significantly reducing environmental impact. Whether you're facing issues with recyclability, maintaining high standards, or optimizing production processes, our solutions are designed to meet your specific needs.



Challenge	Solution	Our Answer	Benefits
Color consistency, dull and yellowish rPET	<i>BluTint™</i>	Rectify and revives color and diminishes typical yellowness and dullness of rPET	<ul style="list-style-type: none"> Enables higher rPET usage Lowers carbon footprint
Color consistency, dull and yellowish rPET	<i>Aged Glass™</i>	Provides Aesthetic ancient appearance to dull rPET	<ul style="list-style-type: none"> Enables higher rPET usage Lowers carbon footprint
Increasing and guaranteeing long shelf life of milk and other dairy products	<i>White Seal™</i>	Ultra light-tight white MB which Prevents light penetration and milk degradation	<ul style="list-style-type: none"> Eliminates need for complex multilayer structures Replaces less-recyclable carton packaging Ensures long shelf life
Producing a sortable or recyclable black products	<i>IR9™</i>	NIR-sortable and recyclable jet and opaque black to replace non-circular carbon black solutions	<ul style="list-style-type: none"> Support recyclability and circularity Non-magnetic
Increasing the shelf life of UV-sensitive products	<i>UVSeal™</i>	Protection of sensitive content against incoming UV radiation	<ul style="list-style-type: none"> Fully transparent and non-yellowing Fully recyclable Non-SVHC
Increasing the shelf life of oxygen-sensitive products	<i>O2Seal™</i>	Actively absorbing and eliminating oxygen from the packaging headspace.	<ul style="list-style-type: none"> Extends shelf life of food products Fully recyclable Replaces multilayered materials Allows for downgauging of PET packaging materials
Eliminating off-taste of rPET-bottled water	<i>AASeal™</i>	Actively capturing acetaldehyde (AA) present in rPET and preventing it from reaching the content of the packaging	<ul style="list-style-type: none"> Prevents bad off-taste in bottled water Enables higher rPET usage Lowers carbon footprint

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Improving processability and performance of rPET, turning rPET production more time and energy efficient	<i>IVSeal™</i>	Re-connecting PET polymeric chains and increasing its molecular weight intrinsic viscosity (IV)	<ul style="list-style-type: none"> Improves its processability and properties Saves time and energy in SSP reactor for rPET process Enables higher rPET usage Lowers carbon footprint
Improving appearance of PET food packaging	<i>FogSeal™</i>	Prevents accumulation of water in the form of water drops on the packaging walls	<ul style="list-style-type: none"> Immediate and long-lasting action Easy to apply
Eliminating electrostatic charge build-up	<i>StatSeal™</i>	Prevents accumulation of electrostatic charge during production, conversion, packaging, and service	<ul style="list-style-type: none"> Immediate and long-lasting action Easy to apply
Blocking, nesting, and self-adhering of PET products	<i>ConverSeal™</i>	Altering the surface properties of the PET article to prevent blocking, nesting, and reduction of COF	<ul style="list-style-type: none"> Solves typical issues of downstream and conversion processes (film blocking, nesting, sleeving difficulties etc.)
Inconsistencies in bottle shape, size, and wall thickness. Time and energy efficiency of downstream processes.	<i>IRapid™</i>	Absorbing in the IR without affecting the clarity	<ul style="list-style-type: none"> Speeds up IR heating process in blow molding, thermoforming, sealing, shrinking etc. Totally transparent Enables higher rPET usage Lowers carbon footprint
Inconsistencies of mixed material PCR and related quality and processing issues	<i>TopFusion™ PET</i>	Compatibilizer for polyolefin applications containing mixes scrap of PET with polyolefins (PE, PP) and/or barrier resins such as PA and EVOH	<ul style="list-style-type: none"> Improves processability and performance of articles made of PCR Lowers carbon footprint

We are Tosaf

For over three decades, Tosaf has been developing and manufacturing high quality additives, compounds and color masterbatches for the plastics industry. With the aim of providing our customers with tailor-made solutions suited for their specific needs, we have continuously grown and developed our offering, production capacity and worldwide reach, becoming a global organization closely linked to our markets.



For Further Information Please Contact Us:  www.tosaf.com  Tosaf Compounds

