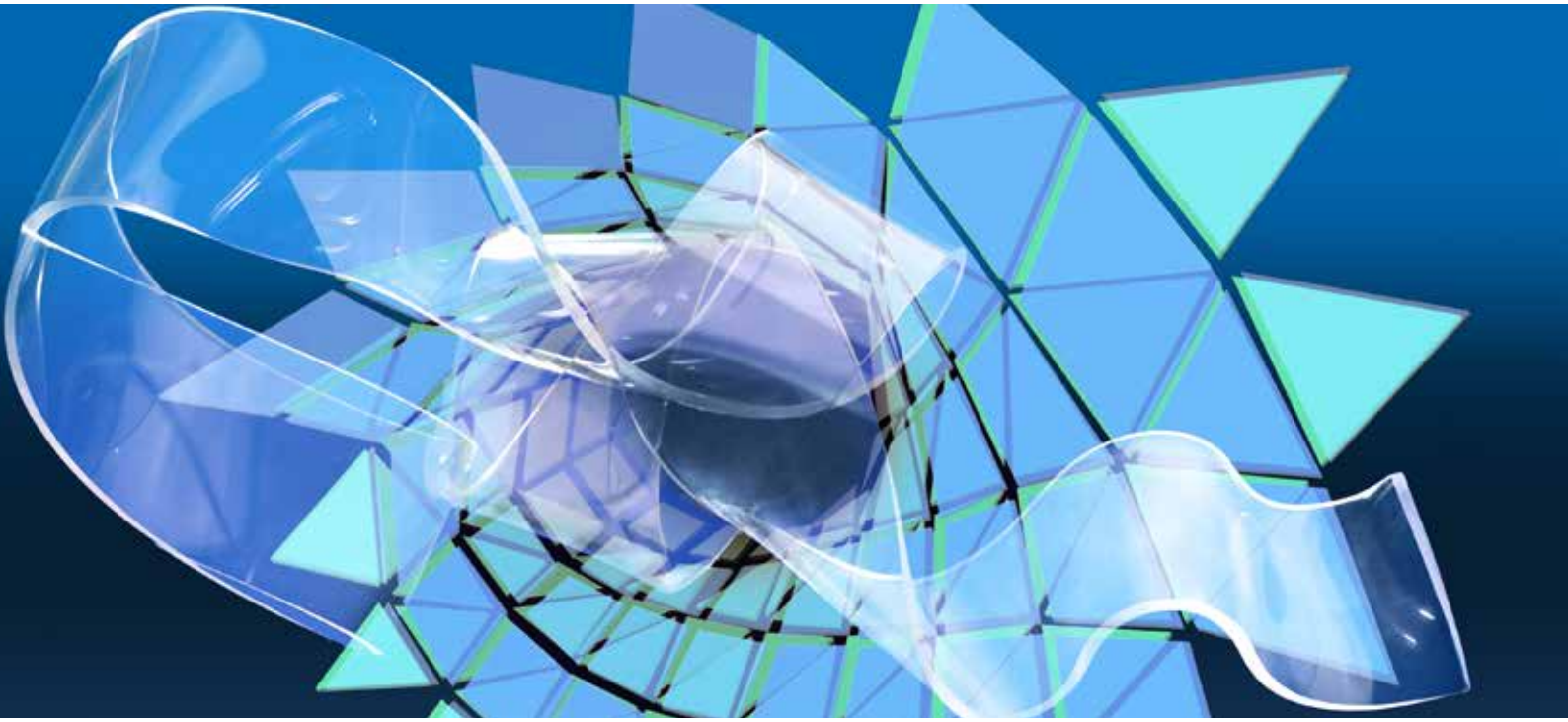
exolon GROUP



Multi-faceted Variety.
Always in Shape.

vivak®
axpet®
inspria®

LEADERSHIP IN THERMOPLASTIC SHEETS.

STRONG, CLEAR, FLEXIBLE.

GOING BEYOND

sales@exolongroup.com
www.exolongroup.com



GOING BEYOND.

BEYOND STANDARDS.

We know the standards, strive for the best – and make it happen. Whether in mechatronics, architecture, trade fairs, or shopfitting, the Exolon Group offers plastic sheet solutions for virtually limitless applications.

Vivak®, **Inspria®**, and **Axpet®** – give free rein to your creativity.



PLASTICS FOR CREATIVES.

THE EXOLON GROUP.

SHAPING EXPERTISE

The Exolon Group stands for many years of experience and technical know-how in the precision manufacturing of high-quality solid and multiwall sheets. Our solutions meet the highest quality standards – sustainable, well-conceived, and certified according to EN ISO 9001.

Our portfolio comprises a broad range of plastic sheets for diverse applications. Under the brands **Vivak®** and **Inspria®**, we offer copolyester solid sheets that reliably bring your complex three-dimensional ideas to life. Our range is complemented by **Axpet®** – the polyester sheet with excellent cold-bending properties, ideal for transparent and translucent applications involving folds or creases.

We also offer transparent and translucent polycarbonate sheets under the **Exolon®** brand, as well as opaque materials branded **Exolon® GP B** and **Vivak® GP B**.

Our core strength is our expertise in sheet extrusion. This foundation is built on the careful selection and combination of raw materials, the continuous optimisation of production processes, investment in employee development, and the promotion of innovative technologies.

Yet, what makes us truly stand out goes beyond technology: a flexible product range, clear communication, and direct customer dialogue make the Exolon Group a trusted partner for trade and industry alike.

ALL THAT MATTERS.

OUR PRODUCT FAMILY.

vivak®

Copolyester Solid Sheet
CHDM-based PETG
From free-flowing ideas to thermoformed reality – from industrial to visual communication applications.

inspria®

Copolyester Sheet
Made from Eastman Tritan™
Maximum continuous temperature resistance. Suitable for medical or food-contact applications.

axpet®

Cold-Bendable Polyester Sheet
For corners and edges
Ideal for advertising displays or partitions.

SHAPING PERFECTION – ALL BENEFITS AT A GLANCE

	Vivak®	Inspria®	Axpet®
Impact-resistant	++	++++	++
Flame-retardant*	yes	yes	yes
Easy thermoforming	+++	++	–
Easy cold-forming	+++	++++	+++
Food-contact compliant	yes	yes	yes
Recyclable	yes	yes	yes
Eco type available	yes	yes	yes
Medical type available	yes	yes	no
Halogen-free	yes	yes	yes

* Depending on thickness, colour, and application, polyester sheets meet many national fire protection standards. Fire behavior may be affected by aging and weathering. Please refer to the respective technical product documentation.

QUALITIES WITH IMPACT.

FEATURES THAT MAKE THE DIFFERENCE

High Resilience
High impact strength and break resistance minimise the need for replacement and ensure maximum durability.

Safety in Case of Fire*
Certified fire protection classifications in accordance with international standards ensure additional protection in safety-critical areas.

Efficient Formability and Flexible Use
Fast, low-energy thermoforming properties save time and lower costs. Outstanding bending properties enable creative shaping, even without elaborate equipment.

Food Safety
Approved for food storage, transport, and display applications.

Sustainable Recycling
Recyclable and halogen-free, making responsible disposal easy and improving resource efficiency.

Chemical Resistance
High material stability – reliable even with exposure to harsh chemicals.



EASY TO PROCESS – IDEAL FOR FINISHING

Sawing, cutting, punching, drilling, milling, embossing, laser cutting, thermoforming, or cold-bending – all solid sheets can be easily processed with standard tools.

Depending on the application, they can also be finished with painting, screen or transfer printing, or flame polishing.

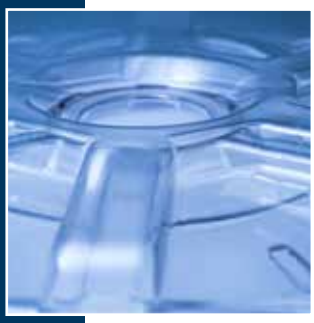
For more details on processing, see our technical guidelines on "Machining and Forming."











FOR FLOWING DREAM SHAPES.

VIVAK® COPOLYESTER SHEETS.

VERSATILE AND POWERFUL

Vivak® are transparent solid sheets with high resistance to break and impact – even at low temperatures. Both are food-contact safe and classified according to DIN EN 13501-1. They are easily printable, thermoformable, and enable energy-efficient processing with high productivity.

Vivak®, our CHDM-based copolyester sheet for thermoforming, combines excellent formability with outstanding mechanical properties. Available in a range of thicknesses and colours, **Vivak®** allows for creative 3D shaping with short production times and minimal material waste.



APPLICATION AREAS

OUR PREMIUM BRAND

Vivak® sheets impress with their versatility and excellent processability. This high-grade polyester sheet combines sophisticated aesthetics with high dimensional stability and easy downstream processing – whether for shopfitting, protective covers, or thermoformed parts.

Vivak® – ideal for applications where quality and efficiency matter.

OUTDOOR APPLICATIONS

Vivak® UV is the perfect choice for outdoor applications. These sheets are highly weather-resistant, maintaining their properties even with prolonged exposure to sun, wind, and rain. The 10-year warranty on impact strength, transparency, and light transmission gives you long-term confidence in planning and application.

Vivak® UV – durable, reliable, and made for outdoor environments.

MEDICAL DEVICES

Vivak® Med is the ideal material for rigid medical packaging. Transparent solid sheets made from Eastar™ 6763 copolyester meet biocompatibility requirements according to ISO 10993 / Class VI – essential for sensitive applications in medical environments.

Vivak® Med stands for transparency, safety, and quality – meeting the uncompromising standards of the medical sector.



DURABLE AND SAFE.

INSPRIA® COPOLYESTER SHEETS.

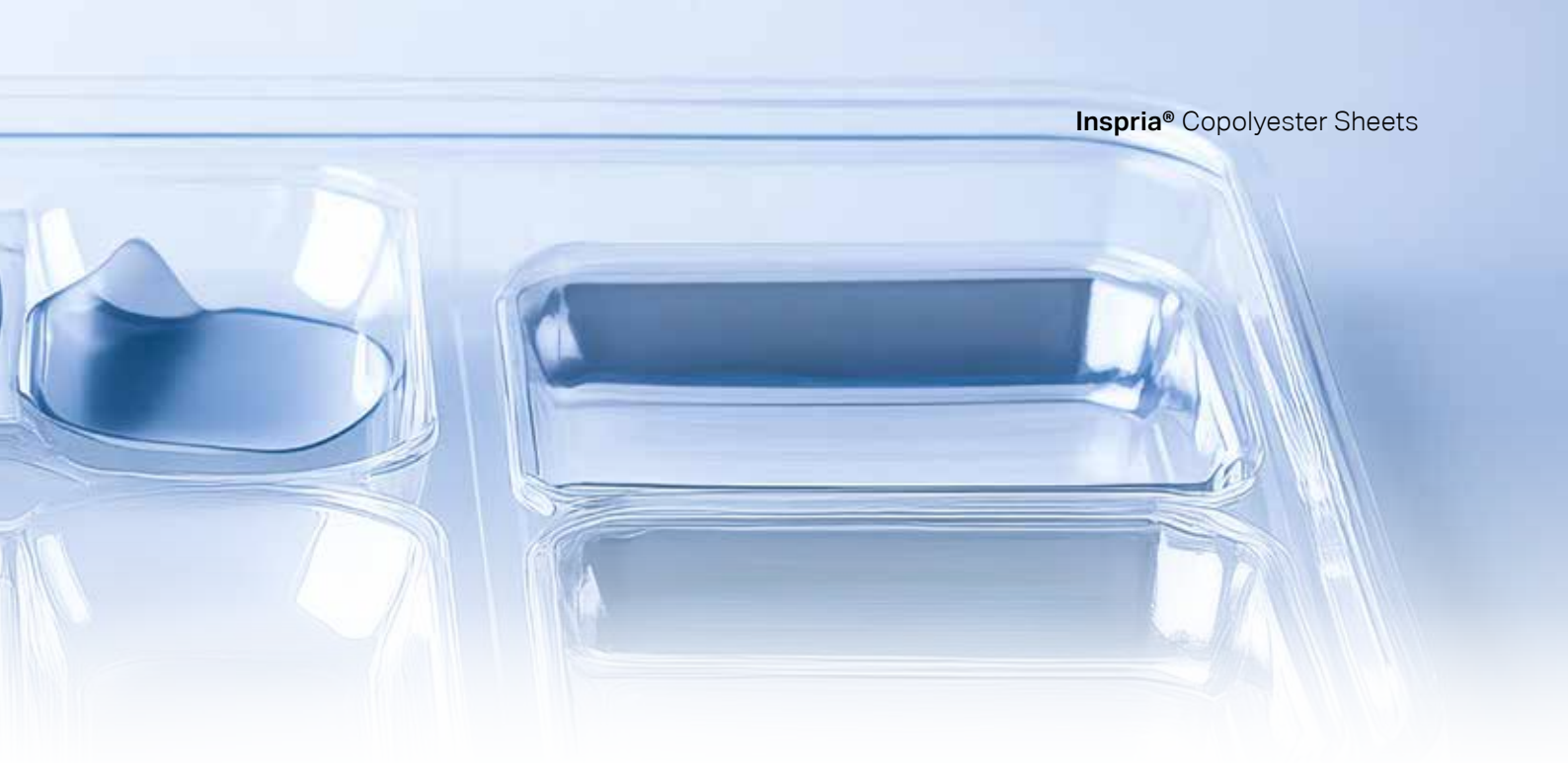




THERMOFORMING TO PERFECTION

Inspria® – crystal-clear solid sheets made from Eastman's Tritan™ resin. The material is extremely resistant to breakage and impact and offers excellent chemical resistance.

Characterised by their heat resistance and excellent food compatibility, **Inspria®** sheets are ideal for high-temperature applications such as chocolate moulds.



APPLICATION AREAS

FOR FREEFORM PROJECTS

Inspria® GP offers glass-like transparency combined with high heat resistance – significantly exceeding the performance of conventional polyester sheets.

With a neutral taste profile, the material is ideal for thermoformed parts in food processing, such as food containers or chocolate molds. Thanks to its outstanding impact resistance, it is also suitable for robust applications like machine protection glazing.

The sheets can be processed efficiently without pre-drying and exhibit excellent thermoforming performance as well as superior mechanical properties.

Inspria® GP – robust, hygienic, and flexible.

MEDICAL DEVICES

Inspria® Med copolyester sheets made from Tritan™ MP100 (Eastman) combine high impact resistance, excellent thermoforming behaviour, and heat resistance up to 90 °C – ideal for medical devices requiring dimensional stability.

They are easy to process and thermoform, even at extreme draw ratios, and enable precise reproduction of fine details.

Manufactured exclusively from virgin raw material, fully traceable back to its source, and biocompatible according to ISO 10993 / USP Class VI – a reliable basis for your product documentation. Production is GMP-compliant and certified according to ISO 9001:2015.

Inspria® Med – reliable performance for sensitive, high-demand applications.

FOR CORNERS AND EDGES.

AXPET® POLYESTER SHEETS.

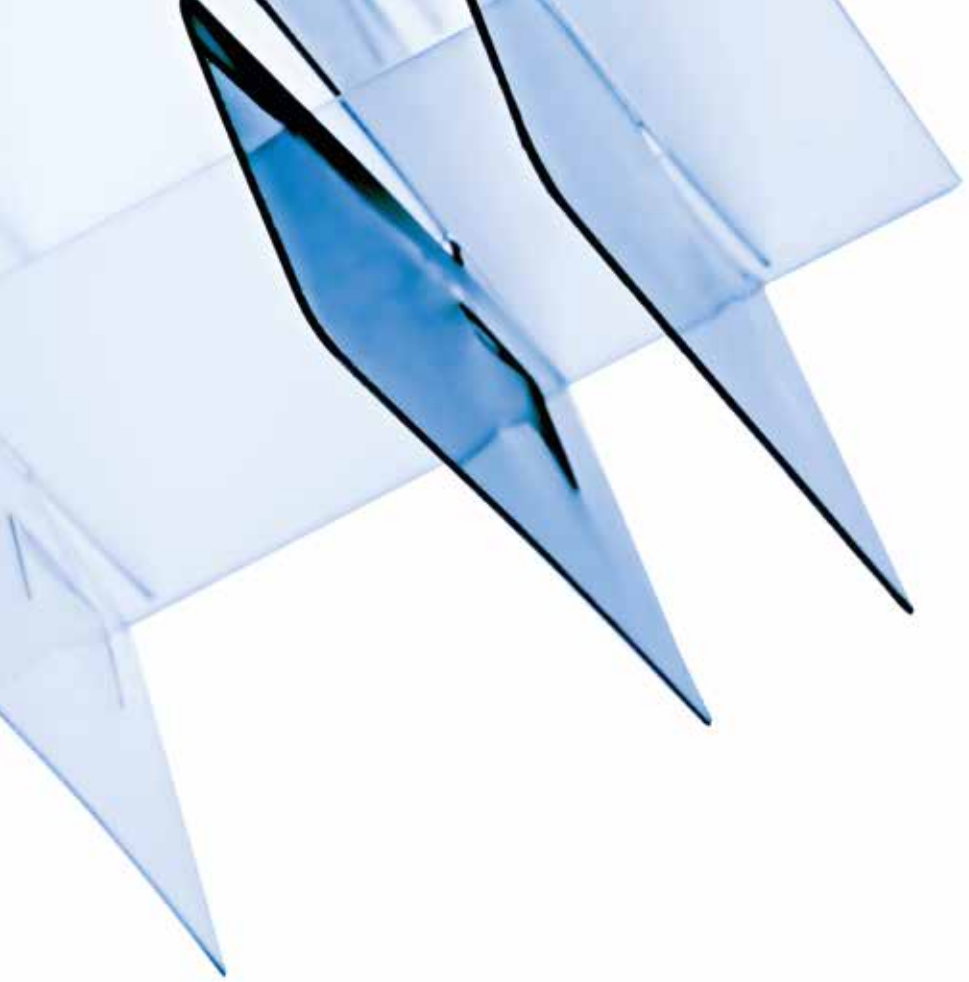




AS FLEXIBLE AS YOUR IDEAS

Axpet® sheets impress with their outstanding cold-bending properties, excellent chemical resistance, high flexibility, and consistently high quality. This performance profile is achieved through the careful selection of raw materials, comprehensive quality management, and ISO 9001-certified production processes.

Their easy and cost-effective processing makes **Axpet®** sheets a competitive alternative to other high-performance plastic sheets.



APPLICATION AREAS

FOR ALL FOLDING IDEAS

Axpet® is our range of transparent plastic sheets designed for cold-bending applications – available in clear and white translucent versions.

Thanks to their excellent fatigue resistance, they can be used in a similar way to cardboard or solid board, for example for folding displays. Adding a crease or flute to the sheet and folding along this line creates a flexible hinge that can be opened and closed thousands of times without breaking.

If a crease or flute is added without folding, fold-out displays can be created. These displays are delivered flat-packed and can be assembled quickly and easily by the end user – saving on packaging, storage, and transport costs.

Axpet® offers good fire protection classification and is therefore an excellent choice for indoor applications such as POS displays, poster panels, signage, machine covers, partitions, trays, or containers – both for food and decorative purposes. And for those who like a pop of colour: **Axpet®** is easy to process and particularly suitable for screen printing.

Axpet® – the robust, versatile solution for functional applications with style.

CLEAN SOLUTIONS. RIGHT FROM THE START.

FOR FUTURE-READY ENVIRONMENTAL CONCEPTS.

Discover our sustainable products*:

- **Axpet® rECOplus**
- **Vivak® rECOplus**
- **Inspria® rECOplus**

* Our sustainable products are partially made from recycled materials.

SUSTAINABLE SAFETY

Sustainable thinking has been integral to our processes and strategic considerations since the beginning. We have firmly established and efficient processes for collecting and reintroducing recyclate, thus minimising the amount of waste which accrues at our production sites.

Vivak®, **Inspria®**, and **Axpet®** are designed for use in high-quality, durable consumer goods – not in single-use or disposable products. Built to last, they remain fully functional even after many years of use and maintain their integrity beyond typical product lifespans.

At the end of their lifecycle, these materials can be cleanly separated and either recycled or used for energy recovery.

RELIABLY CERTIFIED

Our facilities in Tielt (BE) and Nera Montoro (IT) are certified according to ISO 14001 (Environmental Management System). Under this standard, the environmental impact of the production process is systematically recorded and analysed, and negative effects are continually reduced via specific measures.

Our company is ISCC PLUS-certified. This certification enables complete traceability of recycled materials along the entire supply chain. Because every company within the supply chain must be certified, material cycles are fully verifiable and offer maximum transparency and reliability.

Additionally, we apply primary recycling processes, collecting offcuts of our materials for reprocessing, regranulation, and reuse.

THE EXOLON GROUP – CLOSING THE (PLASTICS) LOOP

With our "Closing the Loop" initiative, we are sending a clear signal about sustainable business practices: Together with distributors, processors, and recycling companies, we work to systematically reclaim production waste and offcuts from downstream processing.

The recovered material flows into our **ECORANGE** product line – reprocessed to high standards and with reliable quality you expect from us.

Every new partner in this loop helps to conserve resources and keep materials in circulation.

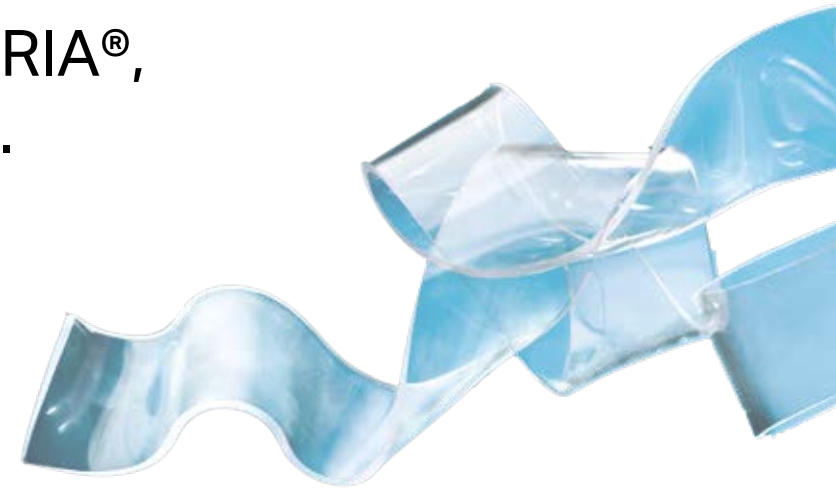


WHAT IS THE ENVIRONMENTAL IMPACT OF THE PRODUCTS I PURCHASE?

For all polycarbonate and polyester sheets in our portfolio, we offer Environmental Product Declarations (EPDs). These declarations provide detailed information about the specific environmental impact of a product and are based on data collected through lifecycle analyses.

STRONG, TRANSPARENT, FLEXIBLE, SUSTAINABLE.

VIVAK®, INSPRIA®, AND AXPET®.



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