

NEW

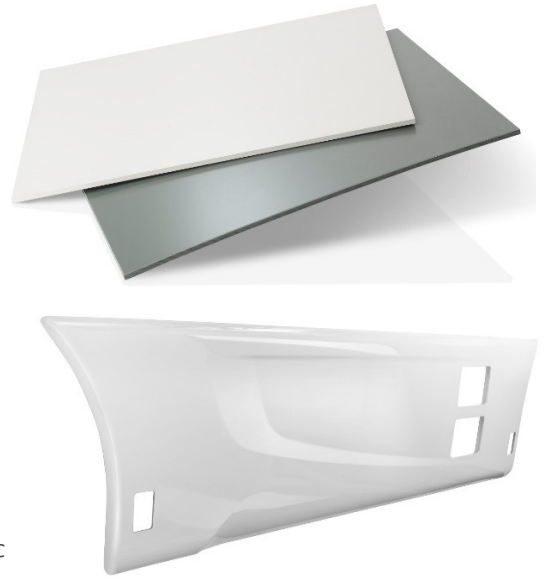
EXTREME LIGHTWEIGHT FOAMED SHEET SOLUTION

WITH LEXAN™ LIGHT FOAMED SHEET

SABIC, an innovator in the plastics industry, is one of the world's leading suppliers of polycarbonate, and other advanced thermoplastic LEXAN™ sheet solutions. Our diverse product portfolio reflects our customer-driven focus and our commitment to developing innovative and high quality solutions that are designed to last.

Lightweight solutions are essential to our endeavor for more efficient use of materials, energy savings and, at the same time, enhanced properties. We are committed to ongoing product and operational excellence whilst ensuring optimal performance of foams in their various applications.

Today we are launching a new high-performance LEXAN™ LIGHT FOAMED sheet material, which is one of the lightest thermoplastic sheet option available present-day, regardless of base material that complies with flame, smoke and toxicity. With a specific gravity of 0.85 g/cm³, it offers up to 40% weight savings when replacing traditional polyvinyl chloride and acrylic blend (PVC/PMMA) -based sheet products.



POTENTIAL BENEFITS



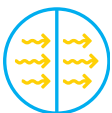
UNPRECEDENTED LIGHTWEIGHTING

Innovative lightweight closed cell foam encapsulated by solid outer layers.



THERMOFORMABLE

Can be thermoformed into complex 3D shape parts with very thin walls.



MECHANICAL & INSULATION

Good mechanical and high insulation properties.



HIGH RIGIDITY

High impact strength.



COMPLIANCY

Compliant to major FST regulatory.



MOISTURE RESISTANT

Due to the closed cell structure.



AESTHETICS

Customized decorative solution.

Potential:




- Available with decorative film
- Excellent color capability
- High recycled content



REUSABLE & RECYCLABLE

Fits with global trends for design for recyclability enabler.

POTENTIAL INDUSTRIES

INDUSTRIES	POTENTIAL APPLICATIONS	
TRANSPORTATION 	<ul style="list-style-type: none"> • HELICOPTERS INTERIOR • AIRCRAFT INTERIOR PARTS • COMMERCIAL VEHICLES PARTS & SPOILERS FOR <ul style="list-style-type: none"> - CABINS CRUISE SHIPS - LIGHT YACHTS - CARGO TRUCKS 	
PACKAGING & LOGISTICS 	<ul style="list-style-type: none"> • STORAGE BOXES • CRATES • TROLLEYS • REUSABLE COURIER BOXES • REUSABLE PACKAGING 	
MEDICAL 	<ul style="list-style-type: none"> • AIRDUCTS • SCANNERS • ANESTHESIA CARE STATIONS • PARTS FOR TROLLEYS 	
TELECOM & ELECTRICAL 	<ul style="list-style-type: none"> • INFRASTRUCTURE HOUSING • TRANSMITTER HOUSING • BATTERY PACKAGING 	
MOBILITY 	<ul style="list-style-type: none"> • EV'S WEIGHT OPTIMIZATION • CARAVANS AND RV'S • TRAILERS • INFRASTRUCTURE 	

CONTACT US For more information, please contact your local SABIC FF Sales Representative.

Europe
 SABIC Functional Forms
 Plasticslaan 1
 4612 PX
 Bergen op Zoom
 The Netherlands
 T +31 (0)164 293684
 F +31 (0)164 293272
 E ff.info@sabic.com

THE MATERIALS, PRODUCTS AND SERVICES OF SABIC INNOVATIVE PLASTICS HOLDING BV, ITS SUBSIDIARIES AND AFFILIATES ("SELLER"), ARE SOLD SUBJECT TO SELLER'S STANDARD CONDITIONS OF SALE, WHICH CAN BE FOUND AT <http://www.sabic.com> AND ARE AVAILABLE UPON REQUEST. ALTHOUGH ANY INFORMATION OR RECOMMENDATION CONTAINED HEREIN IS GIVEN IN GOOD FAITH, SELLER MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, (i) THAT THE RESULTS DESCRIBED HEREIN WILL BE OBTAINED UNDER END-USE CONDITIONS, OR (ii) AS TO THE EFFECTIVENESS OR SAFETY OF ANY DESIGN INCORPORATING SELLER'S PRODUCTS, SERVICES OR RECOMMENDATIONS. EXCEPT AS PROVIDED IN SELLER'S STANDARD CONDITIONS OF SALE, SELLER SHALL NOT BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF ITS PRODUCTS OR SERVICES DESCRIBED HEREIN. Each user is responsible for making its own determination as to the suitability of Seller's products, services or recommendations for the user's particular use through appropriate end-use testing and analysis. Nothing in any document or oral statement shall be deemed to alter or waive any provision of Seller's Standard Conditions of Sale or this Disclaimer, unless it is specifically agreed to in a writing signed by Seller. No statement by Seller concerning a possible use of any product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right of Seller or as a recommendation for the use of such product, service or design in a manner that infringes any patent or other intellectual property right.

SABIC and brands marked with TM are trademarks of SABIC or affiliates.
 © Copyright 2021. All rights reserved.

