LIGHT+ COMPLIANT
LIGHTWEIGHT, ADVANCED THERMOPLASTIC MATERIAL SOLUTIONS WITH COMPLIANCE FOR AIRCRAFT INTERIORS

CHEMISTRY THAT MATTERS™
To help global aerospace customers meet the critical challenges of weight-out, regulatory compliance, sustainability and improved flying experience, SABIC offers high-performance thermoplastic resin, sheet, foam and composite solutions.

These innovative products, together with the company’s extended portfolio of advanced material technologies can help global aerospace OEMs reduce weight by up to 50 percent which may conserve fuel and lower emissions; meet tough flame-smoke-toxicity (FST) regulations; reduce overall system costs; and enhance safety and comfort of the cabin environment.

SABIC’s ongoing investment in advanced materials technologies for the aerospace sector demonstrates the company’s commitment to helping aircraft OEM customers meet toughening regulations, greatly expand thermoforming design options, improve aesthetics and heighten the consumer flying experience.
AIRCRAFT SEATING & INTERIORS
Geven S.p.A. has chosen LEXAN™ XHR sheet for their new aircraft seating for Caribbean Airlines’ “Armonia” interiors, designed by Giugiaro. High-performance, lightweight LEXAN XHR sheet offered compliance with the stringent FST, heat release and Airbus toxicity requirements and provided excellent processability and weight-out vs. traditional PVC/PMMA products.

COCKPIT
LEXAN F6000 sheet was tapped by Pilatus Aircraft Ltd. a world-leading manufacturer of single-engine turboprop aircraft and aircraft training systems, to create its new state-of-the-art cockpit. The material gives the OEM superior processability vs thermostets along with colorability and dimensional stability and complies with industry requirements.

INFLIGHT MAGAZINE RACK
Light weight, transparent LEXAN F2000A sheet was selected by Patrick Lindon, a leading industrial designer for the interior and product design specializing in aircraft interiors and seating, to create its new inflight brochure rack for Bucher Leichtbau AG. Among other key properties the sheet provides complies with FAR25853 flame and smoke requirements and ABD0031 toxicity requirements at 2mm and 3mm.

AIRCRAFT SEATING
SICMA Aero Seat, a business unit of ZODIAC AEROSPACE, selected LEXAN™ XHR sheet for their new aircraft seating due to the material’s FST and OSU65/65 heat release compliance, excellent processing and beautiful color. LEXAN XHR sheet provides superior weight-out of up to 12 percent vs. traditional PVC/PMMA products for better fuel economy.

WINDOW SHADES
The next-generation LEXAN™ XHR 5000 sheet is designed for multi-layer aircraft window shade systems requiring advanced flame-smoke-toxicity properties, helping improve comfort in the cabin environment with a high quality appearance and enhanced room-darkening properties. This co-extruded product is engineered as a robust yet lightweight substrate to be laminated with decorative films.

CABIN DIVIDER
SABIC’s ULTEM™ 1668 sheet is used to develop cabin dividers for Airbus aircraft by Adder. ULTEM 1668A sheet meets all current commercial aircraft interior requirements, including OSU heat-release 65/65, FAA smoke and flammability testing, and FRA vertical burn criteria and complies with toxicity standards BSS7239 and ABD0031.
# OPAQUES

<table>
<thead>
<tr>
<th>Material</th>
<th>ULTEM Sheet [PEI]</th>
<th>POLYCARBONATE FR - Transportation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Partitions</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Storage/luggage compartments</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Tensioning</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Video bezels</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Video screen covers</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Cap covers/decorative trim</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Personal service units (PSUs)</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Trim ties for fastener strips</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Light diffusers</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Light housings</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Mirrors</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Insulation</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Emergency door light demanding</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>

# TRANSPARENTS

<table>
<thead>
<tr>
<th>Material</th>
<th>ULTEM Sheet [PEI]</th>
<th>POLYCARBONATE FR - Transportation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toilets</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Mirrors</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Counter/sink/backsplash</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Beverage cart</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Dashboard enclosures</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Instrument (gauge) lens</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Firewall</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Vizors</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Seat back/food trays/arm rests</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>SHD bars</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Trim parts</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>SHD rest preparations</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Center consoles</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Vanity</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Window/door frame</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Window/door reveal</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Weather stripping</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Weatherstripping</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Door/cabin</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Cargo containers</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Cargo mirrors</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>

# MAIN CABIN GENERAL

## LAVATORY

- Partition
- Storage/luggage compartments
- Tensioning
- Video bezels
- Video screen covers
- Cap covers/decorative trim
- Personal service units (PSUs)
- Trim ties for fastener strips
- Light diffusers
- Light housings
- Mirrors
- Insulation
- Emergency door light demanding
- Toilets
- Mirrors
- Counter/sink/backsplash
- Beverage cart
- Dashboard enclosures
- Instrument (gauge) lens
- Firewall
- Vizors
- Seat back/food trays/arm rests
- SHD bars
- Trim parts
- SHD rest preparations
- Center consoles
- Vanity
- Window/door frame
- Window/door reveal
- Weather stripping
- Weatherstripping
- Door/cabin
- Cargo containers
- Cargo mirrors

## SEATING

- Partition
- Storage/luggage compartments
- Tensioning
- Video bezels
- Video screen covers
- Cap covers/decorative trim
- Personal service units (PSUs)
- Trim ties for fastener strips
- Light diffusers
- Light housings
- Mirrors
- Insulation
- Emergency door light demanding
- Toilets
- Mirrors
- Counter/sink/backsplash
- Beverage cart
- Dashboard enclosures
- Instrument (gauge) lens
- Firewall
- Vizors
- Seat back/food trays/arm rests
- SHD bars
- Trim parts
- SHD rest preparations
- Center consoles
- Vanity
- Window/door frame
- Window/door reveal
- Weather stripping
- Weatherstripping
- Door/cabin
- Cargo containers
- Cargo mirrors

## SPECIFIED AIRCRAFT

- Partition
- Storage/luggage compartments
- Tensioning
- Video bezels
- Video screen covers
- Cap covers/decorative trim
- Personal service units (PSUs)
- Trim ties for fastener strips
- Light diffusers
- Light housings
- Mirrors
- Insulation
- Emergency door light demanding
- Toilets
- Mirrors
- Counter/sink/backsplash
- Beverage cart
- Dashboard enclosures
- Instrument (gauge) lens
- Firewall
- Vizors
- Seat back/food trays/arm rests
- SHD bars
- Trim parts
- SHD rest preparations
- Center consoles
- Vanity
- Window/door frame
- Window/door reveal
- Weather stripping
- Weatherstripping
- Door/cabin
- Cargo containers
- Cargo mirrors

## AIRBUS A320

- Partition
- Storage/luggage compartments
- Tensioning
- Video bezels
- Video screen covers
- Cap covers/decorative trim
- Personal service units (PSUs)
- Trim ties for fastener strips
- Light diffusers
- Light housings
- Mirrors
- Insulation
- Emergency door light demanding
- Toilets
- Mirrors
- Counter/sink/backsplash
- Beverage cart
- Dashboard enclosures
- Instrument (gauge) lens
- Firewall
- Vizors
- Seat back/food trays/arm rests
- SHD bars
- Trim parts
- SHD rest preparations
- Center consoles
- Vanity
- Window/door frame
- Window/door reveal
- Weather stripping
- Weatherstripping
- Door/cabin
- Cargo containers
- Cargo mirrors

## AIRBUS A330

- Partition
- Storage/luggage compartments
- Tensioning
- Video bezels
- Video screen covers
- Cap covers/decorative trim
- Personal service units (PSUs)
- Trim ties for fastener strips
- Light diffusers
- Light housings
- Mirrors
- Insulation
- Emergency door light demanding
- Toilets
- Mirrors
- Counter/sink/backsplash
- Beverage cart
- Dashboard enclosures
- Instrument (gauge) lens
- Firewall
- Vizors
- Seat back/food trays/arm rests
- SHD bars
- Trim parts
- SHD rest preparations
- Center consoles
- Vanity
- Window/door frame
- Window/door reveal
- Weather stripping
- Weatherstripping
- Door/cabin
- Cargo containers
- Cargo mirrors

## AIRBUS A350

- Partition
- Storage/luggage compartments
- Tensioning
- Video bezels
- Video screen covers
- Cap covers/decorative trim
- Personal service units (PSUs)
- Trim ties for fastener strips
- Light diffusers
- Light housings
- Mirrors
- Insulation
- Emergency door light demanding
- Toilets
- Mirrors
- Counter/sink/backsplash
- Beverage cart
- Dashboard enclosures
- Instrument (gauge) lens
- Firewall
- Vizors
- Seat back/food trays/arm rests
- SHD bars
- Trim parts
- SHD rest preparations
- Center consoles
- Vanity
- Window/door frame
- Window/door reveal
- Weather stripping
- Weatherstripping
- Door/cabin
- Cargo containers
- Cargo mirrors

## ROHEING B723

- Partition
- Storage/luggage compartments
- Tensioning
- Video bezels
- Video screen covers
- Cap covers/decorative trim
- Personal service units (PSUs)
- Trim ties for fastener strips
- Light diffusers
- Light housings
- Mirrors
- Insulation
- Emergency door light demanding
- Toilets
- Mirrors
- Counter/sink/backsplash
- Beverage cart
- Dashboard enclosures
- Instrument (gauge) lens
- Firewall
- Vizors
- Seat back/food trays/arm rests
- SHD bars
- Trim parts
- SHD rest preparations
- Center consoles
- Vanity
- Window/door frame
- Window/door reveal
- Weather stripping
- Weatherstripping
- Door/cabin
- Cargo containers
- Cargo mirrors

## DOUGLAS DC-10

- Partition
- Storage/luggage compartments
- Tensioning
- Video bezels
- Video screen covers
- Cap covers/decorative trim
- Personal service units (PSUs)
- Trim ties for fastener strips
- Light diffusers
- Light housings
- Mirrors
- Insulation
- Emergency door light demanding
- Toilets
- Mirrors
- Counter/sink/backsplash
- Beverage cart
- Dashboard enclosures
- Instrument (gauge) lens
- Firewall
- Vizors
- Seat back/food trays/arm rests
- SHD bars
- Trim parts
- SHD rest preparations
- Center consoles
- Vanity
- Window/door frame
- Window/door reveal
- Weather stripping
- Weatherstripping
- Door/cabin
- Cargo containers
- Cargo mirrors
THE MATERIALS, PRODUCTS AND SERVICES OF SABIC, ITS SUBSIDIARIES AND AFFILIATES ("SELLER"), ARE SOLD SUBJECT TO SELLER’S STANDARD CONDITIONS OF SALE, WHICH CAN BE FOUND AT http://www.sabic-ip.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.

Brands marked with ™ are trademarks of SABIC.

© 2013 SABIC. All rights reserved.