

ROBUSTNESS FOR MULTILAYER CONSTRUCTIONS

LEXAN™ XHRA13 FILM

SABIC's newly developed product solution, LEXAN™ XHRA13 film provides engineers and product developers a co-polymer film grade with performance attributes of LEXAN XHR sheet that helps maintain and build robustness in multilayer lamination constructions. Available in gauges between 2-7mils, LEXAN XHR film complies with the following FAR 25.853 regulation, and smoke density and heat release requirements:

- Vertical burn test – FAR 25.853 (a) Appendix F Part I (60 Sec. Vertical Burn)
- Vertical burn test – FAR 25.853 (a) Appendix F Part I (12 Sec. Vertical Burn)
- Heat release – (OSU 65/65) and FAR 25.853 (d) Appendix F Part IV
- Smoke density –Airbus ABD0031
- Toxicity requirements – Boeing BSS7239

LEXAN XHR film provides improved burn performance, toughness, and lower weight compared to traditional glass reinforced backing layer used in multilayer lamination. The product may be used as an adhesive for ULTEM™ foam or as backing layers for fabrics for added performance. It may also be considered for other film applications requiring strict OSU heat release compliance, vertical burn performance, low smoke generation and toughness.



POTENTIAL APPLICATIONS:

- Side wall panels
- Ceiling and galleys
- Door linings and partitions
- Aisle facings and lavatory walls
- Premium seating

CONTACT US

SABIC Corporate Headquarters

PO Box 5101
Riyadh 11422
Saudi Arabia
T +966 (0) 1 225 8000
F +966 (0) 1 225 9000
E info@sabic.com

AMERICAS

SABIC
Specialty Film & Sheet
One Plastics Avenue
Pittsfield, MA 01201
USA
Tol-free 1 800 323 3783 ext. 3
T +1 412 448 7125
F +1 888 442 2022
E sfscustomerservice@sabic-ip.com

EUROPE

SABIC
Specialty Film & Sheet
Plasticslaan 1
4612 PX
Bergen op Zoom
The Netherlands
T +31 164 293684
F +31 164 292272
E sfs.info@sabic-ip.com

PACIFIC

SABIC
Specialty Film & Sheet
1266 Nanjing Road (A)
16th Floor, Plaza 66
200040 Shanghai
China
T +86 21 62881088 ext. 6733
F +86 21 6288 0818
E sfs.info@sabic-ip.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-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.

SABIC and brands marked with TM are trademarks of SABIC or affiliates.
© Copyright 2013. All rights reserved.