

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

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