

Boltaron® 4351

FAR RATED TRANSLUCENT RIGID SHEET FOR AIRCRAFT INTERIORS

GENERAL
THERMOFORMING

CHARACTERISTICS

- Translucent
- Rigid
- Easy to thermoform and heat bend
- Uniform high quality appearance
- Low minimums

USES

- Covers requiring visibility of the contents
- Life vest shrouds and signage
- Containers requiring compliance to FAR 25.853 (a) and translucency

PERFORMANCE DETAILS

FAR RATINGS

FAR 25.853(a)(i)	(Flammability) (Vertical burn, 60 sec) Pass
FAR 25.853(a)(ii)	(Flammability) (Vertical burn, 12 sec) Pass

PROPERTIES

Specific Gravity (ASTM D792)	1.36	
Tensile Strength (ASTM D638)	4,900 psi	33.8 MPa
Flexural Strength (ASTM D790)	11,000 psi	75.8 MPa
Flexural Modulus (ASTM D790)	380,000 psi	2,620 MPa
Izod Impact Notched (ASTM D256)	73 °F 5-8 ft-lb/in	23 °C 266-427 J/m
Hardness Rockwell (ASTM D785)	113	
Heat Deflection Annealed (ASTM D648)	155°F @ 264 psi	68°C @ 1.8 MPa

*Independent lab tests. All tests at 73 °F (23 °C) in dry conditions unless otherwise noted.

FLAMMABILITY

UL 94	V-0
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*3rd Party Testing.

SHEET SIZES

Lengths	to 52 in	1,320 mm
Widths	to 26 in	660 mm
Gauges	from 0.02 to 0.03 in	from 0.5 to 0.75 mm

Custom Blank sizes, gauges on request

4351
HIGH IMPACT CLEAR

DESIGN OPTIONS

Color Clear
Textures CH/CH

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RELIABILITY MEETS INNOVATION

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