

# 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

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

<b>UL 94</b>	V-0
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\*3rd Party Testing.

### SHEET SIZES

<b>Lengths</b>	to 52 in	1,320 mm
<b>Widths</b>	to 26 in	660 mm
<b>Gauges</b>	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  
**Minimum** 500 lb

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RELIABILITY MEETS INNOVATION

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