

Boltaron® B6000

POLYCARBONATE FAR-RATED SHEET

GENERAL
THERMOFORMING

CHARACTERISTICS

- Meets FAR 25.853 (a)
- Meets Toxicity (BSS7239, ABD0031 and SMP800C)
- Wide range of thicknesses
- Unlimited colors
- Great impact performance
- Textures available
- Lot-to-lot consistency

USES

- Instrument panel housings, tray tables
- Passenger service units (PSUs)
- Galley and lavatory components
- Bull noses, gap covers and moldings

PERFORMANCE DETAILS

PROPERTIES

Specific Gravity (ASTM D792)	1.29	
Tensile Strength (ASTM D638)	8,163 psi	56.3 MPa
Flexural Strength (ASTM D790)	13,976 psi	96.4 MPa
Flexural Modulus (ASTM D790)	517,214 psi	3,566 MPa
Izod Impact Notched (ASTM D256)	73 °F 4.3 ft-lb/in	23 °C 230 J/m
Heat Deflection Annealed (ASTM D648)	196.9 °F @ 264 psi	91.6 °C @ 1.8 MPa

FLAMMABILITY

60 sec. Vertical Burn	FAR 25.853(a)(i)	Pass
12 sec. Vertical Burn	FAR 25.853(a)(ii)	Pass
NBS Smoke Density	FAR 25.853(d) Part V	Dmax < 150
Toxicity	BSS7239, ABD0031 and SMP800C	Pass

B6000
PC-FR

DESIGN OPTIONS

- Color** Unlimited
Textures Ask for availabilities

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RELIABILITY MEETS INNOVATION

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