

Boltaron® 4330

FAR AND UL RATED ULTRA-HIGH IMPACT SHEET

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S E R I E S

CHARACTERISTICS

- Uniform high quality appearance
- Wall thickness integrity in deep draw forming
- Full range of colors, widest range of textures
- Low minimums
- Lot-to-lot color consistency

AIRCRAFT INTERIOR USES

- Instrument panel housings
- Class dividers, bulkhead laminates
- Galley and lavatory components
- Bull noses, gap covers, moldings
- Sidewall and kick panels, seat parts

ELECTRICAL USES

- Medical
- Housings
- Equipment enclosures
- Analytical equipment
- Insulating panels

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)	1.415	
Tensile Strength (ASTM D638)	5,400 psi	41 MPa
Flexural Strength (ASTM D790)	9,200 psi	63 MPa
Flexural Modulus (ASTM D790)	330,000 psi	2,275 MPa
Izod Impact Notched (ASTM D256)	73 °F 18 ft-lb/in	23 °C 953 J/m
Hardness Rockwell (ASTM D785)	110	
Heat Deflection Annealed (ASTM D648)	161 °F @264 psi	71.7 °C @1.8 MPa
Radiant Panel Flame Spread Index (ASTM E162)	0.125 in gauge <10	3.18 mm gauge <10

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

SHEET SIZES

Lengths	to 120 in	3,048 mm
Widths	to 60 in	1,524 mm
Gauges	from 0.028 to 0.250 in	from 0.71 to 6.35 mm

Custom Blank sizes, gauges on request

FLAMMABILITY

UL 94	V-0, 5VA ¹ , 5VB ²
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¹ Values based on minimum thickness of 0.118 in (3.0 mm), UL File #E54688.

² Values based on minimum thickness of 0.047 in (1.2 mm), UL File #E54688.

THERMOFORMING GUIDELINES

Mold Shrinkage	0.5 - 0.7%
Forming Temperature	335 - 370 °F 168 - 188 °C
Typical Heater Settings	30 - 50% Top 50 - 70% Bottom
Drying	Not required

4330
HIGH IMPACT

DESIGN OPTIONS

Colors Unlimited
Textures Wide range available
Effects Metallic or True Pearl
Images Impress Prints
Minimum 500 lb

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www.boltaron.com | +1 800 342 7444

RELIABILITY MEETS INNOVATION

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