

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
- Seat parts
- Class dividers, bulkhead laminates
- Sidewall and kick panels
- Galley and lavatory components
- Bull noses, gap covers, moldings

ELECTRICAL USES

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

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 @ yield (ASTM D638)	5,400 psi	41 MPa
Flexural Strength (ASTM D790)	9,200 psi	63 MPa
Flexural Modulus @ yield (ASTM D790)	330,000 psi	2,275 MPa
Izod Impact Notched (ASTM D256)	73 °F 18 ft-lb/in	23 °C 953 J/m
Rockwell Hardness R-scale (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 ^{1&2} , 5VB ¹ , 5VA ²
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¹Value based on a minimum thickness of .047 in (1.2 mm), UL File #E54688

²Value based on a minimum thickness of .055 in (1.4 mm), UL File #E54688

THERMOFORMING GUIDELINES

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



DESIGN OPTIONS

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



www.boltaron.com | +1 800 342 7444

RELIABILITY MEETS INNOVATION

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