

# Boltaron® 4330

FAR AND UL RATED ULTRA-HIGH IMPACT SHEET

4 0 0 0  
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

<b>Specific Gravity</b> (ASTM D792)	1.415	
<b>Tensile Strength @ yield</b> (ASTM D638)	5,400 psi	41 MPa
<b>Flexural Strength</b> (ASTM D790)	9,200 psi	63 MPa
<b>Flexural Modulus @ yield</b> (ASTM D790)	330,000 psi	2,275 MPa
<b>Izod Impact Notched</b> (ASTM D256)	73 °F 18 ft-lb/in	23 °C 953 J/m
<b>Rockwell Hardness R-scale</b> (ASTM D785)	110	
<b>Heat Deflection Annealed</b> (ASTM D648)	161 °F @264 psi	71.7 °C @1.8 MPa
<b>Radiant Panel Flame Spread Index</b> (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

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

**Custom** Blank sizes, gauges on request

### FLAMMABILITY

<b>UL 94</b>	V-0 <sup>1&amp;2</sup> , 5VB <sup>1</sup> , 5VA <sup>2</sup>
--------------	--

<sup>1</sup>Value based on a minimum thickness of .047 in (1.2 mm), UL File #E54688

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

### THERMOFORMING GUIDELINES

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



### DESIGN OPTIONS

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



www.boltaron.com | +1 800 342 7444

RELIABILITY MEETS INNOVATION

DISCLAIMER AND LIMITATION OF WARRANTY: All information contained herein is believed by SIMONA BOLTARON Inc. to be reliable. Typical properties are based on laboratory tests conducted on material samples in accordance with standard test methodology. SIMONA BOLTARON Inc. makes no express or implied warranty that its products will perform in accordance with the data in all conditions and circumstances. To determine suitability for use, users must test applications under actual operating conditions. As a result, ALL EXPRESS OR IMPLIED WARRANTIES IN CONNECTION WITH SIMONA BOLTARON Inc. PRODUCTS INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY DISCLAIMED. RI 1.31.23