

# Boltaron® 9815 with a Decorative Print

THERMOFORMABLE FAR-RATED SHEET WITH EMBEDDED DESIGN

9 0 0 0  
S E R I E S

## CHARACTERISTICS

- Wide range of decorative patterns include simulated fabrics, woodgrains, abstracts
- Outstanding impact resistance
- Uniform high quality appearance
- Wall thickness integrity in deep draw forming
- Custom textures and colors at low minimums
- Lot-to-lot color consistency

## USES

- Instrument panel housings, air ducts
- Class dividers, bulkhead laminates
- Galley and lavatory components
- Bull noses, gap covers and moldings
- Sidewall, kick panels and tray tables
- Seat parts, backs and arm rests
- Passenger service units (PSUs)

## 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
FAR 25.853(d)(Part IV)	(OSU Heat Release) (Peak - HRR, kW/m <sup>2</sup> <65) (2 Min - HRR, kW min/m <sup>2</sup> <65)
FAR 25.853(d)(Part V)	(NBS Smoke) (Ds Max <200)

### PROPERTIES

<b>Specific Gravity</b> (ASTM D792)	1.49	
<b>Tensile Strength @ yield</b> (ASTM D638)	5,500 psi	38 MPa
<b>Flexural Strength</b> (ASTM D790)	8,700 psi	60 MPa
<b>Flexural Modulus @ yield</b> (ASTM D790)	410,000 psi	2,827 MPa
<b>Izod Impact Notched</b> (ASTM D256)	73 °F 5.0 ft-lb/in	23 °C 265 J/m
<b>Rockwell Hardness R-scale</b> (ASTM D785)	107	
<b>Heat Deflection Annealed</b> (ASTM D648)	170 °F @264 psi	77 °C @1.8 MPa
<b>Thermal Expansion</b> (ASTM D696)	1.67 x 10 <sup>-5</sup> /°F	3 x 10 <sup>-5</sup> /°C

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

### SHEET SIZES

<b>Lengths</b>	Variable per design	
<b>Widths</b>	Variable per design	
<b>Gauges</b>	from 0.040 to 0.250 in	from 1.02 to 6.35 mm
<b>Custom</b>	Blank sizes, gauges on request	



### DESIGN OPTIONS

<b>Colors</b>	Unlimited
<b>Textures</b>	Wide range available
<b>Images</b>	Impress Prints
<b>Finish</b>	Matte or High Gloss
<b>Minimum</b>	500 lb

**Attention:** Avoid using cleaners containing quaternary ammonium compounds. In some cases, disinfectants containing quaternary ammonium compounds (QACs) could cause discoloration when left on at elevated temperatures and should be avoided for use on this grade of Boltaron material. For a full cleaning guide, visit [www.boltaron.com/cleaning-and-disinfecting](http://www.boltaron.com/cleaning-and-disinfecting).

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 2.7.23

**SIMONA**  
**boltaron**

[www.boltaron.com](http://www.boltaron.com) | +1 800 342 7444

RELIABILITY MEETS INNOVATION