

# Boltaron® 4385

FAR RATED HIGH TEMPERATURE RESISTANT SHEET

4 0 0 0  
S E R I E S

## 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)	1.42
<b>Tensile Strength</b> (ASTM D638)	6,100 psi (42.1 MPa)
<b>Flexural Strength</b> (ASTM D790)	8,800 psi (60.7 MPa)
<b>Flexural Modulus</b> (ASTM D790)	273,000 psi (1,882 MPa)
<b>Izod Impact (notched) @ 73 °F (23 °C)</b> (ASTM D256)	10 ft-lb/in (534 J/m)
<b>Hardness Rockwell</b> (ASTM D785)	109
<b>Heat Deflection (annealed)</b> (ASTM D648)	190 °F @ 264 psi (87.8 °C @ 1.8 MPa)
<b>Flammability</b> (UL 94)	V-0, 5VA

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

### QUALITY CHARACTERISTICS

- Heat distortion temperature  $\geq$  185 °F (93 °C)
- Meets Airbus high temperature test requirements (RTCA DO-160)
- Impact resistance 10 ft-lb/in (534 J/m)
- Maintains wall thickness in deep draw forming
- Custom colors and textures at low minimums

### USES

Interior components, instrument housings, passenger service units (PSUs), light housings, galley components, air ducting, tray tables, food tables, lavatory components

### 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 (0.71 to 6.35 mm)
<b>Custom</b>	Sizes, gauges on request

### DESIGN OPTIONS

<b>Colors</b>	Unlimited
<b>Textures</b>	Wide range available

4385  
HEAT RESISTANT

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.  
MS 03/19

SIMONA  
boltaron

www.boltaron.com | +1 800 342 7444

RELIABILITY MEETS INNOVATION