

# Boltaron® 4375

HIGH HEAT DISTORTION

4 0 0 0  
S E R I E S

## CHARACTERISTICS

- Meets FAR 25.853 (a)
- UL 94 V-0 compliant
- Uniform high-quality appearance
- Wall thickness integrity in deep draw forming
- Full range of colors
- Available in a wide range of textures
- Low minimums
- Lot-to-lot color consistency

## USES

- Aircraft interior components
- Electrical applications
- Equipment enclosures
- Housings
- Medical and 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

<b>Specific Gravity</b> (ASTM D792)	1.30	
<b>Tensile Strength</b> (ASTM D638)	5,900 psi	41 MPa
<b>Flexural Strength</b> (ASTM D790)	9,300 psi	64 MPa
<b>Flexural Modulus</b> (ASTM D790)	317,500 psi	2,189 MPa
<b>Izod Impact Notched</b> (ASTM D256)	73 °F 6.0 ft-lb	23 °C 320 J/m
<b>Heat Deflection Annealed</b> (ASTM D648)	178.2 °F @264 psi	81.2 °C @1.8 MPa
<b>Ball Pressure Test at 75°C</b> (IEC 60695-10-2)	Pass	

\* Independent lab tests. All tests at 73°F (23°C) in dry conditions on .118 inch thickness unless otherwise noted.

### FLAMMABILITY

<b>UL 94</b>	V-0
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\*Third party testing on .047 & .118 inch thickness.

### SHEET SIZES

<b>Lengths</b>	to 120 in (3,048 mm)	
<b>Widths</b>	to 60 in (1,524 mm)	
<b>Gauges</b>	from 0.04 to 0.25 in	from 1.0 to 6.35 mm
<b>Custom</b>	Blank sizes, gauges on request	

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### DESIGN OPTIONS

**Color** Unlimited  
**Textures** Wide range available  
**Minimum** 500 lbs.

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