

# 9230

**BOLTARON**

**9230/9230C**

## GENERAL INFORMATION

Boltaron 9230 is a proprietary, extruded sheet, designed for use as aircraft window shades. Boltaron 9230 offers maximum light blocking characteristics, excellent impact strength, abrasion resistance, stain and chemical resistance, and thermoformability. Boltaron 9230 meets stringent FAA regulations for flammability. Boltaron 9230 is available as a single color (9230) or as a double color (9230C) construction.

## AVAILABILITY

Colors: Custom  
Gauges: .047 to .060  
Widths: Up to 48"  
Lengths: Up to 120"  
Textures: Coarse Matte (CM)  
Felt (FT)  
Haircell (HC)  
Levant (LT)  
Mesa (MS)  
Suede (SD)

## SUGGESTED APPLICATIONS

Aircraft Window Shades

## Typical Physical Properties

Property	Test Method	Typical values
Specific gravity	ASTM D-792	1.415
Tensile strength (PSI)	ASTM D-638	5,000-5,400
Flexural strength (PSI)	ASTM D-790	8,600-9,200
Flexural modulus (PSI)	ASTM D-790	3.0-3.3 x 10 <sup>5</sup>
Impact Resistance Izod notched (Ft. lbs./in. of notch)	ASTM D-256	15-18
Hardness Rockwell R	ASTM D-785	108-110
Heat Deflection (°F) 264 PSI (annealed)	ASTM D-648	161-163
Flammability FAA	FAR 25.853 A1,(i) (60 sec.)	PASS
	FAR 25.853 A1,(ii) (12 sec.)	PASS
Radiant panel Flame spread index .125 gauge	E-162	<10
Forming Temperature (°F)		335-370

## LIMITATION OF WARRANTY

The application suggestions, specifications and other data described here are based upon experience and information that is believed, by BPP to be reliable. However, BPP makes no express or implied warranty that BOLTARON 9230/9230C will perform in accordance with such specifications in any particular circumstance. Therefore, ALL EXPRESS OR IMPLIED WARRANTIES IN CONNECTION WITH BOLTARON 9230/9230C, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED. The prospective user should determine the suitability of BOLTARON 9230/9230C and the application suggestions before actual application.

One General Street, Newcomerstown, OH 43832  
P 800.342.7444 F 740.498.5448 E info@boltaron.com  
[www.boltaron.com](http://www.boltaron.com)