

9200

BOLTARON

9200/9200C

GENERAL INFORMATION

Boltaron 9200 is a proprietary, extruded thermoplastic sheet, designed for use as aircraft window shades. Boltaron 9200 offers maximum light blocking characteristics, excellent impact strength, abrasion resistance, stain and chemical resistance, and thermoformability. Boltaron 9200 meets stringent FAA regulations for flammability, smoke generation and heat release as set forth in FAR 25.853 paragraphs (a) and (d). Boltaron 9200 is available as a single color (9200) or as a double color (9200C) 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	1.49
Tensile strength (PSI)	ASTM D-638	5,800-6,400
Flexural strength (PSI)	ASTM D-790	10,000-10,500
Flexural modulus (PSI)	ASTM D-790	$4.4-4.6 \times 10^5$
Izod impact (Ft. lbs./in. of notch)	ASTM D-256	1-2
Hardness Rockwell R	ASTM D-785	112-115
Heat Deflection (°F) 264 PSI (annealed)	ASTM D-648	168-172
Flammability FAA	FAR 25.853 A1,(i) (60 sec.)	PASS
	FAR 25.853 A1,(ii) (12 sec.)	PASS
Heat Release Peak-Hrr,kW/m ² 2 Min-Hrr,kW-min/m ²	FAR 25.853 A1,Part IV	<65 <65
NBS Smoke Ds @ 1.5 Min Ds @ 4 Min	F814-84(b)	<100 <200
Mold shrinkage	in./in.	0.005-0.007
Forming Window (°F)		335-365

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 9200/9200C will perform in accordance with such specifications in any particular circumstance. Therefore, ALL EXPRESS OR IMPLIED WARRANTIES IN CONNECTION WITH BOLTARON 9200/9200C INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED. The prospective user should determine the suitability of BOLTARON 9200/9200C and the application suggestions before actual application.

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