

Boltaron® 9200/9200C

FAR RATED HIGH LIGHT BLOCKING THIN GAUGE SHEET

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

PROPERTIES

Specific Gravity (ASTM D792)	1.49
Tensile Strength (ASTM D638)	6,400 psi (44.2 MPa)
Flexural Strength (ASTM D790)	10,500 psi (72.5 MPa)
Flexural Modulus (ASTM D790)	460,000 psi (3,172 MPa)
Izod Impact (notched) @ 73 °F (23 °C) (ASTM D256)	2.0 ft-lb/in (106.8 J/m)
Hardness Rockwell (ASTM D785)	115
Heat Deflection Annealed (ASTM D648)	172 °F @ 264 psi (78 °C @ 1.8 MPa)

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

QUALITY CHARACTERISTICS

Maximum light-blocking in thin gauges
Meets FAR flame test criteria
Single and double color construction
Tough, durable in use

USES

Aircraft window shades

SHEET SIZES

Lengths	to 120 in (3,048mm)
Widths	to 48 in (1,220 mm)
Gauges	from 0.047 to 0.060 in (1.2 to 1.52 mm)
Custom	Blank sizes, gauges on request

THERMOFORMING PARAMETERS

Forming Temperature	335 - 365 °F (168 - 185 °C)
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DESIGN OPTIONS

Colors	Unlimited
Textures	Wide range available
Minimum	500 lb

9200
LIGHT BLOCKING

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