

Boltaron® 9815 with a Metallic Effect

THERMOFORMABLE FAR-RATED SHEET WITH METALLIC FINISH

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S E R I E S

CHARACTERISTICS

- Deeper, richer, more durable metallic finish
- Outstanding impact and scratch resistance
- Uniform high quality appearance
- Wall thickness integrity in deep draw forming
- Custom textures and colors
- Lot-to-lot texture and color consistency

USES

- Instrument panel housings and air ducts
- Class dividers and bulkhead laminates
- Galley and lavatory components
- Bull noses, gap covers and moldings
- Sidewall, kick panels and window reveals
- Seat parts, backs, arm rests, tray tables

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 ² <65) (2 Min - HRR, kW min/m ² <65)
FAR 25.853(d)(Part V)	(NBS Smoke) (Ds Max <200)

PROPERTIES

Specific Gravity (ASTM D792)	1.574	
Tensile Strength (ASTM D638)	5,500 psi	38 MPa
Flexural Strength (ASTM D790)	8,700 psi	60 MPa
Flexural Modulus (ASTM D790)	410,000 psi	2,827 MPa
Izod Impact Notched (ASTM D256)	73 °F 5.0 ft-lb/in	23 °C 265 J/m
Hardness Rockwell (ASTM D785)	107	
Heat Deflection Annealed (ASTM D648)	197 °F @264 psi	91.7 °C @1.8 MPa
Thermal Expansion (ASTM D696)	1.67 x 10 ⁻⁵ /°F	3 x 10 ⁻⁵ /°C

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

SHEET SIZES

Lengths	99 or 122 in	2,514 or 3,099 mm
Widths	to 50 in	1,270 mm
Gauges	from 0.040 to 0.250 in	from 1.02 to 6.35 mm

Custom Blank sizes, gauges on request

9815M METALLIC

DESIGN OPTIONS

Colors	Unlimited
Textures	Wide range available
Effects	Metallic
Minimum	500 lb

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www.boltaron.com | +1 800 342 7444

RELIABILITY MEETS INNOVATION

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