



## Material Innovations **METALLIC EFFECT**

These brilliant metallic effects are a result of the integration of a durable metallic cap layer, which uniquely includes a real metal flake, and a color matched substrate for a deep, rich metallic effect. With a wide range of textures achieved through press lamination, this material offers great durability and excellent scratch resistance.

# Boltaron® 9815 with a Metallic Effect

FAR RATED HIGH IMPACT METALLIC FINISH SHEETS

9 0 0 0  
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 <sup>2</sup> <65)
FAR 25.853(d)(Part V)	(NBS Smoke) (Ds @ 1.5 min <100) (Ds @ 4 min <200)

### PROPERTIES

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

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

### SHEET SIZES

<b>Lengths</b>	99 or 122 in (2,514 or 3,099 mm)
<b>Widths</b>	up to 50 in (1,270 mm)
<b>Gauges</b>	from 0.040 to 0.250 in (1.02 to 6.35 mm)
<b>Custom</b>	Blank sizes, gauges on request

### DESIGN OPTIONS

<b>Colors</b>	Unlimited
<b>Textures</b>	Wide range available
<b>Effects</b>	Metallic
<b>Minimum</b>	500 lb

9815M  
METALLIC

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MS 03/19