

Boltaron® 1165

ECONOMICAL RECYCLED GRADE: HIGH IMPACT STRENGTH, UL 94 V-0 RATED

GENERAL
THERMOFORMING

Boltaron® 1165 sheet, extruded from select aircraft and electrical grade recycled trim and resin, provides an exceptional combination of UL 94 V-0 compliance, physical properties, consistent thermoforming and low cost compared with other flame rated sheet products.

CHARACTERISTICS

- Available in black, in custom textures and widths to 60 inches
- Thermoplastic alloy sheet material
- High impact strength
- Meets UL 94 V-0
- Low cost; uses recycled aircraft grade trim
- Thermoforms consistently

USES

- General-purpose housings
- Vending machine components
- Internal insulating panels
- Electrical equipment housings
- Parts requiring painting
- Interior components

PERFORMANCE DETAILS

PROPERTIES

Specific Gravity (ASTM D792)	1.415	
Tensile Strength (ASTM D638)	5,200 psi	36 MPa
Flexural Strength (ASTM D790)	8,800 psi	61 MPa
Flexural Modulus (ASTM D790)	330,000 psi	2,275 MPa
Hardness Rockwell (ASTM D785)	108-111	
Izod Impact Notched (ASTM D256)	73 °F 10 ft-lb/in	23 °C 534 J/m
Heat Deflection Annealed (ASTM D648)	160 °F @264 psi	71 °C @1.8 MPa

*Independent lab tests. All tests at 73°F (22.8°C) in dry conditions unless otherwise noted.

FLAMMABILITY

UL 94	V-0
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*Values based on minimum thickness of 0.040 in. (1.1 mm), UL File #E54688

SHEET SIZES

Lengths	to 120 in	3,048 mm
Widths	to 60 in	1,524 mm
Gauges	from 0.028 to 0.250 in	from 0.71 to 6.35 mm

Custom Blank sizes, gauges on request

1165
RECYCLED GRADE

DESIGN OPTIONS

- Color** Black
- Textures** Wide range available
- Minimum** 1,000 lbs

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RELIABILITY MEETS INNOVATION

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