

Boltaron® 4385

FAR RATED HIGH TEMPERATURE RESISTANT 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

PROPERTIES

Specific Gravity (ASTM D792)	1.42
Tensile Strength (ASTM D638)	6,100 psi (42.1 MPa)
Flexural Strength (ASTM D790)	8,800 psi (60.7 MPa)
Flexural Modulus (ASTM D790)	273,000 psi (1,882 MPa)
Izod Impact (notched) @ 73 °F (23 °C) (ASTM D256)	10 ft-lb/in (534 J/m)
Hardness Rockwell (ASTM D785)	109
Heat Deflection (annealed) (ASTM D648)	190 °F @ 264 psi (87.8 °C @ 1.8 MPa)
Flammability (UL 94)	V-0, 5VA
Modulus of Elasticity (psi)	8830

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

QUALITY CHARACTERISTICS

- Heat deflection temperature \geq 185 °F (85 °C)
- Meets Airbus high temperature test requirements (RTCA DO-160)
- Impact resistance 10 ft-lb/in (534 J/m)
- Maintains wall thickness in deep draw forming
- Custom colors and textures at low minimums

USES

Interior components, instrument housings, passenger service units (PSUs), light housings, galley components, air ducting, tray tables, food tables, lavatory components

SHEET SIZES

Lengths	to 120 in (3,048 mm)
Widths	to 60 in (1,524 mm)
Gauges	from 0.028 to 0.250 in (0.71 to 6.35 mm)
Custom	Sizes, gauges on request

DESIGN OPTIONS

Colors	Unlimited
Textures	Wide range available

4385
HEAT RESISTANT

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