

Boltaron® 9850NP

LOW SMOKE AND HEAT RELEASE / PRESSED TEXTURES

9 0 0 0
S E R I E S

CHARACTERISTICS

- 150 smoke generation
- Lowest rate of heat release: 55/55
- Uniform high quality appearance
- Wall thickness integrity in deep draw forming
- Full range of colors, widest range of textures
- Lot-to-lot color consistency

USES

- Instrument panel housings, class dividers
- Bulkhead laminates, bull noses, gap covers
- Galley and lavatory components, light housings
- Moldings, sidewall and kick panels, air ducts
- Window reveals, seat parts, backs, arm rests
- Tray tables, passenger service units (PSUs)

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 <55) (2 Min - HRR, kW min/m ² <55)
FAR 25.853(d)(Part V)	(NBS Smoke) (Ds Max <150)

PROPERTIES

Specific Gravity (ASTM D792)	1.48	
Tensile Strength @ yield (ASTM D638)	5,500 psi	37.9 MPa
Flexural Strength (ASTM D790)	10,500 psi	72.4 MPa
Flexural Modulus @ yield (ASTM D790)	442,000 psi	3,048 MPa
Izod Impact Notched (ASTM D256)	73 °F 1.2 ft-lb/in	23 °C 65 J/m
Rockwell Hardness R-scale (ASTM D785)	112	
Heat Deflection Annealed* (ASTM D648)	160.7 °F @264 psi	71.5 °C @1.8 MPa

Independent lab tests. All tests at 73 °F (23 °C) in dry conditions at .098 inches unless otherwise noted.

* Tested on .198 inch material.

SHEET SIZES

Lengths	to 120 in	3,048 mm
Widths	to 48 in	1,219 mm
Gauges	from 0.040 to 0.125 in	from 1.02 to 3.2 mm

Custom Blank sizes, gauges on request

DESIGN OPTIONS

Colors Unlimited
Textures Pressed

Attention: Use caution when using cleaners containing quaternary ammonium compounds. Follow all label instructions and remove cleaner residues completely after cleaning. Avoid using quaternary ammonium compounds on parts exposed to elevated temperatures. For a full cleaning guide, visit www.boltaron.com/cleaning-and-disinfecting.

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RELIABILITY MEETS INNOVATION