

# 6540

**BOLTARON**

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## GENERAL INFORMATION

Boltaron 6540 is a proprietary, fire retardant, extruded ABS/PVC Alloy sheet is designed to meet stringent FAA flammability requirements and UL Standard 94 V-0. Boltaron 6540 offers excellent impact strength, abrasion resistance, chemical resistance, and thermoformability.

## AVAILABILITY

Colors: Custom  
Gauges: .028 to .250  
Widths: Up to 60"  
Lengths: Up to 120"  
Custom Sizes: Upon request  
Textures: Coarse Matte (CM)  
Felt (FT)  
Haircell (HC)  
Levant (LT)  
Mesa (MS)  
Suede (SD)

## SUGGESTED APPLICATIONS

Aircraft interior components  
Equipment Housings  
Medical products

## Typical Physical Properties

Property	Test Method	Typical values
Specific gravity	ASTM D-792	1.32
Tensile strength (PSI)	ASTM D-638	6,300
Flexural strength (PSI)	ASTM D-790	10,000
Flexural modulus (PSI)	ASTM D-790	$3.7 \times 10^5$
Izod impact (Ft. lbs./in. of notch)	ASTM D-256	7-10
Hardness Rockwell R	ASTM D-785	110
Heat Deflection (°F) 264 PSI (annealed)	ASTM D-648	165
Flammability		
FAA	FAR 25.853 A1,(i) (60 sec.)	PASS
	FAR 25.853 A1,(ii) (12 sec.)	PASS
UL	UL-94	V-0, 5VA <sup>1</sup> V-0, 5VB <sup>2</sup>
FMVSS	FMVSS 571-302	PASS
Radiant Panel Flame Spread Index .093 gauge	E-162	PASS
Forming Temperature (°F) □		320 - 370

<sup>1</sup> Values based on minimum thickness of .125", UL File # E54688

<sup>2</sup> Values based on minimum thickness of .047", UL File # E54688

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## LIMITATION OF WARRANTY

The application suggestions, specifications and other data described here are based upon experience and information that is believed, by BPP to be reliable. However, BPP makes no express or implied warranty that BOLTARON 6540 will perform in accordance with such specifications in any particular circumstance. Therefore, ALL EXPRESS OR IMPLIED WARRANTIES IN CONNECTION WITH BOLTARON 6540, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED. The prospective user should determine the suitability of BOLTARON 6540 and the application suggestions before actual application.