

# 6800

**BOLTARON**

**6800E**

## GENERAL INFORMATION

Boltaron 6800E is a proprietary, fire retardant, extruded ABS/PVC Alloy sheet designed to meet stringent FAA flammability requirements and UL Standard 94 V-0. Boltaron 6800E offers excellent impact strength, abrasion resistance, stain and chemical resistance, and formability.

## AVAILABILITY

Colors: Custom  
Gauges: .040 to .250  
Widths: Up to 48"  
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

## Typical Physical Properties

Property	Test Method	Typical values
Specific gravity	ASTM D-792	1.30
Tensile strength (PSI)	ASTM D-638	6,000
Flexural strength (PSI)	ASTM D-790	9,000
Flexural modulus (PSI)	ASTM D-790	$3.4 \times 10^5$
Izod impact (Ft. lbs./in. of notch)	ASTM D-256	5-10
Hardness Rockwell R	ASTM D-785	105
Heat Deflection (°F) 264 PSI (annealed)	ASTM D-648	162
Flammability FAA	FAR 25.853 A1,(i) (60 sec.)	PASS
	FAR 25.853 A1,(ii) (12 sec.)	PASS
Radiant Panel Flame Spread Index .125 gauge	E-162	<17
Mold Shrinkage $\square$ $\square$	in./in.	0.005-0.007 $\square$ $\square$
Forming Temperature (°F)		335 - 365

## 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 6800E will perform in accordance with such specifications in any particular circumstance. Therefore, ALL EXPRESS OR IMPLIED WARRANTIES IN CONNECTION WITH BOLTARON 6800E, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED. The prospective user should determine the suitability of BOLTARON 6800E and the application suggestions before actual application.

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