

# 4205 BOLTARON 4205

## GENERAL INFORMATION

Boltaron 4205 is a proprietary, high heat distortion, fire retardant, extruded thermoplastic sheet designed to meet stringent FAA flammability requirements and higher in-service temperature applications. Boltaron 4205 offers excellent impact strength, abrasion resistance, stain and 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

## Typical Physical Properties

Property	Test Method	Typical values
Specific gravity	ASTM D-792	1.47
Tensile strength (PSI)	ASTM D-638	7,200
Flexural strength (PSI)	ASTM D-790	11,000
Flexural modulus (PSI)	ASTM D-790	$3.8 \times 10^5$
Izod impact (Ft. lbs./in. of notch)	ASTM D-256	2
Hardness Rockwell R	ASTM D-785	119
Heat Deflection (°F) 264 PSI (annealed)	ASTM D-648	200-205
Heat Deflection (°F) 264 PSI (unannealed)	ASTM D-648	180-185
Flammability		
FAA	FAR 25.853 A1,(i) (60 sec.)	PASS
	FAR 25.853 A1,(ii) (12 sec.)	PASS
UL	UL-94	V-0 <sup>1</sup>
Forming Temperature (°F)		380 - 420

<sup>1</sup>Independent Lab Testing

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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 4205 will perform in accordance with such specifications in any particular circumstance. Therefore, ALL EXPRESS OR IMPLIED WARRANTIES IN CONNECTION WITH BOLTARON 4205, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED. The prospective user should determine the suitability of BOLTARON 4205 and the application suggestions before actual application.