

# Boltaron 9250

Polyvinyl Chloride

Boltaron Performance Products

Message:

Boltaron 9250 is a proprietary, high heat distortion, extruded thermoplastic sheet, designed for use as aircraft window shades. Boltaron 9250 offers maximum light-blocking characteristics, excellent impact strength, abrasion resistance, stain and chemical resistance, and thermoformability. Boltaron 9250 meets stringent FAA regulations for flammability. Boltaron 9250 is available as a single color (9250) or as a double color (9250C) construction.

- Colors: Custom
- Gauges: .047 to .060
- Widths: Up to 48"
- Lengths: Up to 120"
- Textures:
- Coarse Matte (CM)
  - Felt (FT)
  - Haircell (HC)
  - Levant (LT)
  - Mesa (MS)
  - Suede (SD)

General Information			
Features	Flame Retardant		
	Good Abrasion Resistance		
	Good Chemical Resistance		
	High Heat Resistance		
	High Impact Resistance		
	Stain Resistant		
Uses	Aircraft Interiors		
Agency Ratings	FAR 25.853		
Appearance	Colors Available		
Forms	Sheet		
Processing Method	Extrusion		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.47	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	119		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	51.0	MPa	ASTM D638
Flexural Modulus	2620	MPa	ASTM D790
Flexural Strength (Yield)	75.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	110	J/m	ASTM D256

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
1.8 MPa, Unannealed	82.2 to 85.0	°C	
1.8 MPa, Annealed	93.3 to 96.1	°C	
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94
Additional Information	Nominal Value	Unit	Test Method
	12.0		
FAA Flammability <sup>1</sup>	60.0	sec	FAR 25.853
Forming Temperature	193 to 216	°C	
NOTE			
1.	Pass		

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#### Recommended distributors for this material

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