

Boltaron 9230

Polyvinyl Chloride

Boltaron Performance Products

Message:

Boltaron 9230 is a proprietary, extruded sheet, designed for use as aircraft window shades. Boltaron 9230 offers maximum light blocking characteristics, excellent impact strength, abrasion resistance, stain and chemical resistance, and thermoformability. Boltaron 9230 meets stringent FAA regulations for flammability. Boltaron 9230 is available as a single color (9230) or as a double color (9230C) construction.

- Colors: Custom
- Gauges: 0.047 to 0.060
- 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 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	1.42	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	108 to 110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	34.5 to 37.2	MPa	ASTM D638
Flexural Modulus	2070 to 2280	MPa	ASTM D790
Flexural Strength (Yield)	59.3 to 63.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	800 to 960	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (1.8 MPa, Annealed)	71.7 to 72.8	°C	ASTM D648
Flammability	Nominal Value		Test Method
FAA Flammability			FAR 25.853
12 sec.	Pass		
60 sec.	Pass		
Radiant Panel Flame Spread Index (3.18 mm)	< 10.0		ASTM E162
Forming Temperature	168 to 188	°C	

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