

# Boltaron 4330

Acrylic (PMMA) + PVC

Boltaron Performance Products

## Message:

Boltaron 4330 is a proprietary, fire retardant, extruded PVC/Acrylic alloy for aircraft interior components that offers a UL 94 V-0 rating and meets stringent FAA flammability requirements while exhibiting exceptional physical properties.

It offers Izod Impact resistance of 18 ft lbs/in. (953 J/m), significantly improving the durability of thermoformed aircraft interior components.

It also offers other exceptional physical properties, extreme formability and consistent surface quality, and is available in an unlimited range of colors and textures.

As a result, Boltaron 4330 is specified by the world's leading commercial, military and private aircraft and helicopter manufacturers, carriers and interior refurbishing contractors, for thermoformed, fabricated and machined interior components of unequalled durability and appearance.

General Information	
Features	Flame Retardant High Impact Resistance
Uses	Aircraft Applications Aircraft Interiors Thermoforming Applications
Agency Ratings	FAR 25.853
UL File Number	E54688
Appearance	Colors Available
Forms	Sheet
Processing Method	Extrusion Machining Thermoforming

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.50 to 0.70	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	37.2	MPa	ASTM D638
Flexural Modulus	2280	MPa	ASTM D790
Flexural Strength (Yield)	63.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	960	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	71.7	°C	ASTM D648

Flammability	Nominal Value	Test Method
Flame Rating		UL 94
	V-0	
1.19 mm	5VB	
	V-0	
3.00 mm	5VA	
Flammability	Pass All	FAR 25.853
Radiant Panel Flame Spread Index (3.18 mm)	< 10.0	ASTM E162

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