

Boltaron 6530

Acrylonitrile Butadiene Styrene + PVC

Boltaron Performance Products

Message:

Boltaron 6530 is a proprietary, fire retardant, extruded ABS/PVC Alloy sheet is designed to meet stringent FAA flammability requirements and UL Standard 94 V-0. Boltaron 6530 offers excellent impact strength, high tensile strength, abrasion resistance, chemical resistance, and thermoformability.

- 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)

General Information			
Features	Flame Retardant		
	Good Abrasion Resistance		
	Good Chemical Resistance		
	Good Impact Resistance		
Uses	Aircraft Interiors		
	Housings		
	Medical/Healthcare Applications		
Agency Ratings	FAR 25.853		
UL File Number	E54688		
Appearance	Colors Available		
Forms	Sheet		
Processing Method	Extrusion		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.50 to 0.70	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	108 to 111		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	40.0 to 42.7	MPa	ASTM D638
Flexural Modulus	2070 to 2280	MPa	ASTM D790

Flexural Strength (Yield)	62.1 to 64.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	270 to 530	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	69.4 to 71.7	°C	ASTM D648
Flammability	Nominal Value		Test Method
	V-0		
Flame Rating (1.52 mm)	5VA		UL 94
Additional Information	Nominal Value	Unit	Test Method
	12.0		
FAA Flammability ¹	60.0	sec	FAR 25.853
Forming Temperature	168 to 185	°C	
NOTE			
1.	Pass		

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