

Boltaron 6540

Acrylic (PMMA) + PVC

Boltaron Performance Products

Message:

Boltaron 6540 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 6540 offers excellent impact 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		
	High 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	1.32	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	43.4	MPa	ASTM D638
Flexural Modulus	2550	MPa	ASTM D790
Flexural Strength (Yield)	68.9	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	370 to 530	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	73.9	°C	ASTM D648
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
	V-0		
1.19 mm	5VB		
	V-0		
3.18 mm	5VA		
	1.0		
FAA Flammability ¹	0.2	min	FAR 25.853
Flammability	Pass		FMVSS 302
Radiant Panel Flame Spread Index (2.36 mm)	Pass		ASTM E162
Forming Temperature	160 to 188	°C	
NOTE			
1.	Pass		

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