

Boltaron 4330M

Thermoplastic

Boltaron Performance Products

Message:

Boltaron 4330M is a proprietary, dual layer, metallic thermoplastic sheet. Boltaron 4330 offers a UL 94 V-0 rating and meets stringent FAA flammability requirements. Boltaron 4330M combines excellent impact strength, abrasion resistance, rigidity, and chemical resistance with superior thermoformability.

General Information			
Features	Rigidity, high		
	Impact resistance, high		
	Good wear resistance		
	Good chemical resistance		
	Flame retardancy		
Uses	Airplane trim		
	Aircraft applications		
Agency Ratings	FAR 25.853		
Appearance	Available colors		
Forms	Sheet		
Processing Method	Extrusion		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	108 - 110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	34.5 - 37.2	MPa	ASTM D638
Flexural Modulus	2070 - 2280	MPa	ASTM D790
Flexural Strength	59.3 - 63.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact	800 - 960	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	71.7 - 72.8	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94
Radiant Panel Flame Spread Index (3.18 mm)			ASTM E162
Flammability			FAR 25.853


12 sec ¹	Pass All	FAR 25.853
60 sec ²	Pass All	FAR 25.853
Additional Information		
Thermoforming Parameters: Forming Temperature: 335 to 370°F		
NOTE		
1.	A1, (ii)	
2.	A1, (i)	

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