

Boltaron 4065MP

Polyvinyl Chloride
Boltaron Performance Products

Message:

Greater impact resistance than high pressure laminates, melamine and thermofoils

Wood core substrates that are membrane pressed or flat laminated with Boltaron sheet can resist impact, abrasion, harsh cleansers and general abuse typical of commercial and institutional environments — while continuing to look new after years in the field.

Cabinetry and other parts that are flat laminated and edge banded with Boltaron sheet can eliminate the cracking and chipping associated with high pressure laminates and melamine, while parts that are membrane pressed with Boltaron sheet can also eliminate the unsightly seams and de-lamination associated with flat-laminated materials.

In addition, Boltaron sheet can be thermoformed, brake formed, machined, adhesive bonded, miter-folded, heat welded and mechanically fastened without cracking, allowing secondary operations and the production of brackets, housings, racks and other parts that match laminated components in color, texture and fire ratings.

And unlike competitive laminate, Boltaron 4065MP is offered in thicknesses as thin as 0.018 in. (.46 mm), allowing for enhanced formability and cost effectiveness without sacrificing in-field performance.

For these reasons, Boltaron 4065MP is specified by leading retailers and store fixture manu- factures for membrane pressed and flat laminated components requiring unequalled in-field performance and appearance.

General Information	
Features	Durable
	Flame Retardant
	Good Abrasion Resistance
	Good Chemical Resistance
	High Impact Resistance
	High Rigidity
Uses	Decorative Displays
	Reinforced Panels
Appearance	Clear/Transparent
	Matte Finish
Forms	Sheet
Processing Method	Laminating
	Press Molding
	Thermoforming

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	106		ASTM D785
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	960	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load		ASTM D648
1.8 MPa, Unannealed	65.6	°C
1.8 MPa, Annealed	73.9	°C
Flammability	Nominal Value	Test Method
Flame Rating	V-0	UL 94
Additional Information	Nominal Value	
Ball Impact Resistance ¹	> 3000	
Dart Impact ²	> 1100	
NOTE		
1.	NEMA LD3-2005	
2.	NEMA LD3-2005	

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Recommended distributors for this material

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