

4335

BOLTARON

4335

GENERAL INFORMATION

Boltaron 4335 is a proprietary, fire retardant, extruded Acrylic/PVC Alloy sheet. Boltaron 4335 offers a UL 94 V-0 rating, excellent impact strength, abrasion resistance, chemical resistance, rigidity and thermoformability. Boltaron 4335 is cost competitive with FR ABS but offers superior performance.

AVAILABILITY

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)

SUGGESTED APPLICATIONS

Knife and gun holsters
Equipment Housings
Medical products

Typical Physical Properties

Property	Test Method	Typical values
Specific gravity	ASTM D-792	1.415
Tensile strength (PSI)	ASTM D-638	5,000 - 6,000
Flexural strength (PSI)	ASTM D-790	8,600 - 9,200
Flexural modulus (PSI)	ASTM D-790	3.0-3.3x10 ⁵
Izod impact (Ft. lbs./in. of notch)	ASTM D-256	15-18
Hardness Rockwell R	ASTM D-785	108-110
Heat Deflection (°F) 264 PSI (annealed)	ASTM D-648	161-163
Flammability FMVSS	FMVSS 571-302	PASS
UL	UL-94	V-0, 5VA ¹
	UL-94	V-0, 5VB ²
Radiant Panel Flame Spread Index .125 gauge	E-162	<10
Forming Temperature (°F)		335 - 370

¹ Values based on minimum thickness of .118", UL File # E54688

² Values based on minimum thickness of .047", UL File # E54688

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LIMITATION OF WARRANTY

The application suggestions, specifications and other data described here are based upon experience and information that is believed, by BPP to be reliable. However, BPP makes no express or implied warranty that BOLTARON 4335 will perform in accordance with such specifications in any particular circumstance. Therefore, ALL EXPRESS OR IMPLIED WARRANTIES IN CONNECTION WITH BOLTARON 4335, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED. The prospective user should determine the suitability of BOLTARON 4335 and the application suggestions before actual application.