

# 4325

## FM4910, Clear CPVC

Boltaron 4325 is a transparent, corrosion resistant CPVC sheet with a smooth polished surface on both sides. Boltaron 4325 is suitable for thermoforming and meets FM Global Cleanroom Materials flammability test protocol (Class 4910).

### AVAILABILITY

#### Standard Colors:

Blue/Gray Tint (9043)

Gauges: .125 to .500 in.

Width: 48"

Length: 96"

Custom Sizes: Upon request

#### Standard Texture:

Smooth Polished (Both Sides)

#### Poly Masking:

Standard (Both Sides)

### SUGGESTED APPLICATIONS

Semiconductor Cleanroom Equipment, Machined Parts, Thermoformed Parts

### TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL VALUES
<b>MECHANICAL</b>		
Specific Gravity	ASTM D-792	1.47
Tensile strength (PSI)	ASTM D-638	9.0 x 10 <sup>3</sup>
Elongation Yield (%)	ASTM D-638	3.76
Modulus of Elasticity (PSI)	ASTM D-638	4.8 x 10 <sup>5</sup>
Flexural Strength (PSI)	ASTM D-790	1.5 x 10 <sup>4</sup>
Flexural Modulus (PSI)	ASTM D-790	4.5 x 10 <sup>5</sup>
Izod Impact (Ft. lbs./in. of notch)	ASTM D-256	.5
Hardness Rockwell R	ASTM D-785	122
<b>THERMAL</b>		
Vicat Softening Point (°C)	ASTM D-1525	95.5
Heat Deflection (°F) 264 PSI (annealed)	ASTM D-648	177.1
Heat Deflection (°F) 264 PSI (unannealed)	ASTM D-648	165.9
<b>FLAMMABILITY</b>		
FM Global	FM4910	Approved

### LIMITATION OF WARRANTY

The application suggestions, specifications and other data described here are based upon experience and information that is believed, by BOLTARON Inc., to be reliable. However, BOLTARON Inc. makes no express or implied warranty that BOLTARON 4325 will perform in accordance with such specifications in any particular circumstance. Therefore, ALL EXPRESS OR IMPLIED WARRANTIES IN CONNECTION WITH BOLTARON 4325, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED. The prospective user should determine the suitability of BOLTARON 4325 and the application suggestions before actual application.

