

Boltaron® 4325

CLEAR CPVC FM 4910

CORROSION
RESISTANT

CHARACTERISTICS

- High impact resistance
- Corrossion resistance type II PVC
- Smooth, polished surface
- Suitable for thermoforming
- Conforms to ASTM D1784

USES

- Semiconductor cleanroom equipment
- Machined parts
- Thermoformed parts

PERFORMANCE DETAILS

PROPERTIES

Specific Gravity (ASTM D792)	1.47	
Tensile Strength (ASTM D638)	9.0 x 10 ³ psi	62 MPa
Elongation Yield (ASTM D638)	3 .76%	
Modulus of Elasticity (ASTM D638)	4.8 x 10 ⁵ psi	3,309 MPa
Flexural Strength (ASTM D790)	1.5 x 10 ⁴ psi	103 MPa
Flexural Modulus (ASTM D790)	4.5 x 10 ⁵ psi	3,103 MPa
Hardness Rockwell R (ASTM D785)	122	
Izod Impact Notched (ASTM D256)	73 °F 0.5 ft-lb/in	23 °C 27 J/m
Heat Deflection Annealed (ASTM D648)	177.1 °F @264 psi	80.6 °C @1.82 MPa
Heat Deflection Unannealed (ASTM D648)	165.9 °F @264 psi	74.4 °C @1.82 MPa

*Independent lab tests at 73°F (22.8°C) in dry conditions unless otherwise noted.

SHEET SIZES

Lengths	96 in	2,438 mm
Widths	48 in	1,219 mm
Gauges	from 0.125 to 0.5 in	from 3.175 to 12.7 mm
Custom	Blank sizes, gauges on request	

FLAMMABILITY

FM Global (FM4910)	Approved
--------------------	----------

4325
CLEAR FM 4910 CPVC

DESIGN OPTIONS

- Colors** Clear blue or gray tint
- Textures** Smooth polished surface
- Masking** Standard (both sides)

Attention: Avoid using cleaners containing quaternary ammonium compounds. In some cases, disinfectants containing quaternary ammonium compounds (QACs) could cause discoloration when left on at elevated temperatures and should be avoided for use on this grade of Boltaron material. For a full cleaning guide, visit www.boltaron.com/cleaning-and-disinfecting.

DISCLAIMER AND LIMITATION OF WARRANTY: All information contained herein is believed by SIMONA BOLTARON Inc. to be reliable. Typical properties are based on laboratory tests conducted on material samples in accordance with standard test methodology. SIMONA BOLTARON Inc. makes no express or implied warranty that its products will perform in accordance with the data in all conditions and circumstances. To determine suitability for use, users must test applications under actual operating conditions. As a result, ALL EXPRESS OR IMPLIED WARRANTIES IN CONNECTION WITH SIMONA BOLTARON Inc. PRODUCTS INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY DISCLAIMED. RI 8.13.20



www.boltaron.com | +1 800 342 7444

RELIABILITY MEETS INNOVATION