

4125

BOLTARON

4125 CPVC

GENERAL INFORMATION

Boltaron 4125 is a normal impact, high temperature, corrosion resistant CPVC sheet with an industrial smooth finish on both sides. Boltaron 4125 conforms to ASTM D-1784.

AVAILABILITY

Standard Color: Light Gray (2028)
Custom Colors: Upon Request (min. order required)
Gauges: .032 to 3"
Width: 48"
Length: 96"
Custom Sizes: Upon request
Standard Texture: Industrial Smooth (Both Sides)
Custom Textures: Upon Request
Poly Masking: Upon Request

SUGGESTED APPLICATIONS

Fume Hoods and Ducts
Machined Parts
Fume Scrubbers
Acid Etching Machines
Acid Tanks and Linings

Typical Physical Properties

Property	Test Method	Typical Values
Mechanical		
Specific Gravity	ASTM D-792	1.51
Tensile Strength (PSI)	ASTM D-638	7,600
Elongation <input type="checkbox"/>		
Ultimate (%)	ASTM D-638	37
Modulus of Elasticity (PSI)	ASTM D-638	4x10 ⁵
Flexural Strength (PSI)	ASTM D-790	11,000 ⁵
Flexural Modulus (PSI)	ASTM D-790	3.5x10 ⁵
Izod Impact		
(Ft. lbs./in. of notch)	ASTM D-256	1-2
Hardness Rockwell R	ASTM D-785	118
Hardness Shore D	ASTM D-2240	82
Compression Strength (PSI)	ASTM D-695	11,400
Shear Strength (PSI)	ASTM D-732	9,220
Water Absorption 24 hrs. (%)	ASTM D-570	0.035
Thermal		
Vicat Softening Point (°C)	ASTM D-1525	106
Thermal Expansion		
(in/in°C)	ASTM D-696	7.97x10 ⁻⁵
Heat Deflection (°F)		
264 PSI (annealed)	ASTM D-648	212
Thermal Conductivity		
(BTU/HR/FT/F/in.)	ASTM C-177	0.641
Specific Heat		
(CAL/GM/°C)	ASTM C-351	0.220
Electrical		
Dielectric Strength (Volts/Mil.)	ASTM D-149	1,518
Volume Resistivity (Ohms/cm)	ASTM D-257	2.39x10 ¹⁵
Dielectric Constant (10KHz)	ASTM D-150	2.973
<input type="checkbox"/> <input type="checkbox"/> (100KHz)	ASTM D-150	2.913
<input type="checkbox"/> <input type="checkbox"/> (1MHz)	ASTM D-150	2.848
Dissipation Factor (10KHz)	ASTM D-150	0.012
<input type="checkbox"/> <input type="checkbox"/> (100KHz)	ASTM D-150	0.015
<input type="checkbox"/> <input type="checkbox"/> (1MHz)	ASTM D-150	0.017
Flammability		
UL	UL-94	V-0 ¹

¹ Values based on minimum thickness of .032", UL File # E54688

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LIMITATION OF WARRANTY

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