

1050

BOLTARON

1050

Type I PVC

GENERAL INFORMATION

Boltaron 1050 is a normal impact ,high corrosion resistant Type I PVC sheet with an industrial smooth finish on both sides. Boltaron 1050 conforms to ASTM D-1784.

AVAILABILITY

Standard Colors: Dark Gray (2079) (stock)
White (1150) & Black (2803)
(min. order required)

Custom Colors: Upon Request (min. order required)

Gauges: .032 to 3.00"

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	1.37
Tensile strength (PSI)	ASTM D-638	7,400
Elongation <input type="checkbox"/>		
Ultimate (%)	ASTM D-638	132
Yield (%)	ASTM D-638	3.5
Modulus of Elasticity (PSI)	ASTM D-638	4.0x10 ⁵
Flexural strength (PSI)	ASTM D-790	12,000 ₅
Flexural modulus (PSI)	ASTM D-790	4.2x10 ⁵
Izod impact		
(Ft. lbs./in. of notch)	ASTM D-256	1-3
Hardness Rockwell R	ASTM D-785	116
Hardness Shore D	ASTM D-2240	82
Compression Strength (PSI)	ASTM D-695	10,830
Shear Strength (PSI)	ASTM D-732	9,240
Water Absorption 24 hrs. (%)	ASTM D-570	0.032
Thermal		
Vicat Softening Point (°C)	ASTM D-1525	85
Thermal Expansion		
(in/in°C)	ASTM D-696	2.95x10 ⁻⁵
Heat Deflection (°F)		
264 PSI (annealed)	ASTM D-648	165
Thermal Conductivity		
(BTU/HR/FT/F/in.)	ASTM C-177	0.72
Specific Heat		
(CAL/GM/°C)	ASTM C-351	0.20
Electrical		
Dielectric Strength (Volts/Mil.)	ASTM D-149	552
Volume Resistivity		
(Ohms/cm)x10 ¹⁴	ASTM D-257	1.48
Dielectric Constant (60Hz)	ASTM D-150	2.910
Dissipation Factor (60Hz)	ASTM D-150	0.018
Loss Index <input type="checkbox"/> <input type="checkbox"/>	ASTM D-150	0.051
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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