

Boltaron 4050

Polyvinyl Chloride
Boltaron Performance Products

Message:

Boltaron 4050 is high impact, high corrosion resistant, Type II PVC sheet with an industrial smooth finish on both sides. Boltaron 4050 is suitable for thermoforming and conforms to ASTM D-1784.

Standard Color: Medium Gray (2103) (stock)

Custom Colors: Upon Request (min. order required)

Gauges: .032 to 2"

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

Thermoformed Parts

Fume Scrubbers

Acid Etching Machines

Acid Tanks and Linings

General Information			
Features	Good Corrosion Resistance		
	Good Surface Finish		
	High Impact Resistance		
Uses	Industrial Tanks		
	Liners		
	Machine/Mechanical Parts		
	Thermoforming Applications		
Agency Ratings	ASTM D 1784		
UL File Number	E54688		
Appearance	Colors Available		
	Medium Grey		
Forms	Sheet		
Processing Method	Machining		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792
Water Absorption (24 hr)	0.056	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method

Rockwell Hardness (R-Scale)	116		ASTM D785
Durometer Hardness (Shore D)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2210	MPa	ASTM D638
Tensile Strength (Yield)	38.6	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	4.0	%	
Break	120	%	
Flexural Modulus	2070	MPa	ASTM D790
Flexural Strength (Yield)	55.2	MPa	ASTM D790
Compressive Strength	55.2	MPa	ASTM D695
Shear Strength	44.8	MPa	ASTM D732
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	530 to 800	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	71.1	°C	ASTM D648
CLTE - Flow	3.2E-5	cm/cm/°C	ASTM D696
Specific Heat	879	J/kg/°C	ASTM C351
Thermal Conductivity	0.11	W/m/K	ASTM C177
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.8E+14	ohms·cm	ASTM D257
Dielectric Strength	13	kV/mm	ASTM D149
Dielectric Constant (60 Hz)	2.85		ASTM D150
Dissipation Factor (60 Hz)	0.016		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.813 mm)	V-0		UL 94
Additional Information	Nominal Value		Test Method
Loss Index - 60 Hz	0.0450		ASTM D150

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT