

PRODUCT DATASHEET

WeeTect Polycarbonate Mirror (WPM)



WeeTect polycarbonate mirror (WPM) is made from high end polycarbonate mirror sheet. It offers excellent mirror affection, fog-free time, impact resistance, and optical clarity. It is popularly used for unbreakable mirrors, polycarbonate convex mirror and where need extremely high impact resistance. WeeTect also offer service for plastic mirrors cut to size.

WeeTect polycarbonate mirror (WPM) excels in shatterproof, excellent impact resistance and abrasion resistance. And it also can be coated with different vivid colors. With a long life guarantee, WeeTect helps your business reduce significant costs. WeeTect polycarbonate mirror (WPM) is applicable to products such as wall mount mirror, rolling stand mirror, sanitary stand mirror, folding mirror, ceiling tiles mirror, two way mirror, television mirror, customized mirror, and more.



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Advantages:

- Unbreakable
- Flame retardant
- Fog and scratch resistant
- Custom sizes, thicknesses and colors available

WeeTect polycarbonate mirror (WPM) standard sizes:

Raw Material	Thickness (mm)	Size (mm)	Properties
Polycarbonate Sheet	0.25mm	915*1830mm	Optical Clarity
Polycarbonate Sheet	0.5mm	915*1830mm	Optical Clarity
Polycarbonate Sheet	0.8mm	915*1830mm	Optical Clarity
Polycarbonate Sheet	1.2mm	915*1830mm	Optical Clarity
Polycarbonate Sheet	1.5mm	915*1830mm	Optical Clarity
Composite with Acrylic Sheet	3mm	915*1830mm	Optical Clarity
Composite with Acrylic Sheet	5mm	915*1830mm	Optical Clarity

- WeeTect can custom the thicknesses and sizes of polycarbonate mirror according to your needs

WeeTect polycarbonate mirror (WPM) properties:

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	Property	Unit	Value
Physical	Specific Gravity	g/cm ³	1.2
	Haze	%	<1
	Water Absorption Equilibrium	%	0.35
	Elongation Ultimate	%	>90
	Impact Strength @ 10mils	ft-lbs	120
	Tensile Strength	Mpa	60
	Tear Strength Propagation	G /mil	>30
	Specific Heat	Cal/gr ^o c	0.35
Electrical	Dielectric Strength	V /mil	1,700
	Volume Resistance	ohm /cm ³	>10 ¹⁶
	Surface Resistance	ohm /cm ²	>10 ¹⁵
Optical	Light Transmittance	%	>90
Thermal	Vicat Softening Temperature	^o c	135
	Heat Shrinkage	%	<0.2
Flame Retardant	UL Flammability	Normal	V2
		FR	V0