



Kaixin PMMA film

Product property sheet

Describe

Acrylic film (PMMA film) has excellent transparency, weather resistance, thermoforming and composite processability, and also has the ability to cut off ultraviolet rays.

Typical physical properties

Performance	Value	Unit	Standard test
Physical properties			
Water absorption	0.3	%	GB/T 1034
Proportion	1.19	g/cm ³	GB/T 1033
Haze	<1	%	GB/T 2410
Transmittance	≥91	%	GB/T 2410
Mechanical behavior			
Tensile Strength	74	MPa	GB/T 1040
Elongation at break	6	%	GB/T 1040
Bending strength	125	MPa	GB/T 9341
Surface hardness	HB	H	Mitsubishi pencil
Electrical properties			
surface resistivity	> 1E16	Ω-cm	GB/T 1040
Volume resistivity	> 1E16	Ω-cm	GB/T 1040
Arc resistance	/	/	GB/T 1411
Thermal properties			
Thermal expansion coefficient	7*10E-5	1/°C	GB/T 1636
Specific heat	1.5	j/g-°C	/
Heat distortion temperature	96	°C	GB/T 1634
Thermal conductivity	0.21	W/(MK)	GB/T 3399

Note: This test is for reference only and is not an absolute application indicator.

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