



Kaixin anti-fog PC film

Product property sheet

Describe

Kaixin's anti-fog film is a polycarbonate film coated on one or both sides. Our anti-fog coatings on polycarbonate films are ready to use and require no added solvents. In very humid environments, anti-fog coatings will not get wet and become ineffective.

Typical physical properties

Performance	Value	Unit	Standard test
Physical properties			
Water contact angle	20±5	°	/
Proportion	1.2	g/cm ³	ASTM D792
Coating adhesion	5B	/	/
Mechanical behavior			
Tensile Strength	61	MPa	ISO 527-1
Elongation at break	6	%	ASTM D638
Bending strength	92	MPa	ASTM D790
Flexural modulus	2230	MPa	ASTM D790
Optical properties			
Transmittance	>89	%	ASTM D1003
Haze	<1	%	ASTM D1003
UV light transmittance 350nm	<1	%	ASTM D1003
Thermal properties			
Molding shrinkage	0.5~0.7	%	ASTM D955
Microcard softening point	148	°C	ISO 306

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

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