



Kaixin PC hard coating film

Product property sheet

Describe

Polycarbonate hard coating film provides excellent abrasion, scratch and chemical resistance with increased hardness and impact resistance. Kaixin offers single- or double-sided coatings, clear or matte coatings, to meet the stringent requirements of the appliance, nameplate, membrane touch switch and lens markets.

Typical physical properties

Performance	Item	Unit	Standard test
Physical properties			
Water absorption	0.2	%	ASTM D570
Proportion	1.2	g/cm ³	ASTM D792
Pencil hardness	HB	500g weight	Mitsubishi Pencil ASTM
Mechanical behavior			
Tensile Strength	61	MPa	ISO 527-1
Elongation at break	6	%	ASTM D638
Bending strength	92	MPa	ASTM D790
Electrical properties			
Arc resistance	100 SEC	/	ASTM D495
Thermal properties			
Molding shrinkage	0.5~0.7	%	ASTM D955
Vicat softening point	148	°C	ISO 306

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

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