

# Kaixin textured polycarbonate film

## Product property sheet

### Describe

Polycarbonate (PC) textured film has excellent wear resistance and impact resistance, soft surface texture, high chemical resistance, excellent formability and printability

### Typical physical properties

Performance	Value	Unit	Standard test
Physical properties			
density	1.2	g/cm <sup>3</sup>	ISO 1183
Haze	89	%	ASTM D1003
Transmittance	89	%	ASTM D1003
Mechanical behavior			
Tensile Strength	60	MPa	ISO 527
Elongation at break	>50	%	ISO 527
Tensile modulus	2400	MPa	ISO 527
Bending strength	91	MPa	ISO 178
Surface Tension	≥38	dyn/cm	Test solution
Electrical properties			
Dielectric constant	3	—	IEC 60250
Withstand voltage value	30	KV/mm	IEC 60243
Arc resistance	250	—	IEC 60112
surface resistivity	1E+16	Ω/square	IEC 60093
Volume resistivity	1E+17	Ω/cm	IEC 60093
Thermal properties			
Thermal expansion coefficient	5.8	x10 <sup>-5</sup> /°C	ISO 11359
Thermal conductivity	0.2	W/(m*K)	ASTM D5470
Shrinkage (150°C)	0.5~0.7	%	ASTM D1204
glass transition temperature	153	°C	ISO 11357
Flammability			
Flammability rating	HB/V-2		E 249605

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

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