



Kaixin silicone-free release

Product property sheet

Describe

Kaixin silicone-free release film is a special release film that is different from ordinary silicone release films. Its surface coating layer is not a commonly used silicone component, but a silicon-free fluoride is coated on the surface. PET film surface to achieve release effect.

Typical physical properties

Performance	Value	Unit	Standard test
Physical properties			
Proportion	1.4	g/cm ³	ASTM D792
Optical properties			
Transmittance	92	%	
Haze	2.5	%	ASTM D1003
Mechanical behavior			
Tensile strength (TD)	240	MPa	ASTM D882
(MD)	230	MPa	ASTM D882
Elongation at break (TD)	180	%	ASTM D882
(MD)	180	%	ASTM D882
Thermal properties			
Molding shrinkage TD)	1.5	%	ASTM D1204
(MD)	0	%	ASTM D1204
Release force	200-700	g/inch	30cm/min 180°C

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

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