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SHINKONG SHINPAK®

**Technical Data Sheet****PRODUCT: SHINPAK A-PET SHEET****TYPE: PL****Date:****2020/1/8**

Property	Test Method	Unit	Typical Values
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**Physical**

Thickness Tolerance / 厚度	ASTM E-252	%	± 3 %
Specific Gravity / 比重	ASTM D-792	g/cm <sup>3</sup>	1.35 ± 0.01
Intrinsic Viscosity / 固有黏度	ASTM D2857	dL/g	0.7 ± 0.03

**Mechanical**

MD Tensile Strength @ Break / 拉伸強度 50mm/min(2inch/min)	ASTM D-638	Kg/cm <sup>2</sup>	>500
TD Tensile Strength @ Break / 拉伸強度 50mm/min(2inch/min)	ASTM D-638	Kg/cm <sup>2</sup>	>500
MD Elongation @ Yield / 伸長率 50mm/min(2inch/min)	ASTM D-638	%	>250
TD Elongation @ Yield / 伸長率 50mm/min(2inch/min)	ASTM D-638	%	>250

DYNAMIC FRICTION COEFFICIENCY /動摩擦係數	ASTM 1894		<0.35
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**Optical**

Total Transmittance / 透光度	ASTM D1003	%	> 85
Haze / 霧度	ASTM D1003	%	< 3

**Thermal**

Melt Point / 熔點	ASTM E-794	°C	240~250
Glass-Transition Temperature / 玻璃轉移溫度	ASTM E-794	°C	74
Heat-Deflection Temperature / 熱變形溫度	ASTM D648	°C	60

\*mg/kg = ppm, 0.1wt% = 1000ppm \*ND:NOT DETECT

**Notes:** These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

Additional Information

[www.shinkong.com.tw](http://www.shinkong.com.tw)