

**POLYESLINE S.L.U.**

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POLYES-FILM (B-21531)

TECHNICAL SPECIFICATION SHEET

**DESCRIPTION:** B-21531 is Transparent Polyester Film, Co extruded standard clear with single side Antistatic Coated having smooth surface, good clarity and good handling property

**APPLICATIONS:** Film suitable for high quality lamination and other general-purpose application.

**SALIENT FEATURES:**

- Excellent antistatic property
- Good clarity and Transparency
- High surface gloss
- Excellent Machinability
- Excellent Mechanical Properties
- Excellent Dimensional Stability



TECHNICAL DATA						
Properties	Test method	Unit	B-21531			
<b>PHYSICAL</b>						
Thickness	ASTM D-374	Micron (Gauge)	75 (300)	100 (400)	125 (500)	
Yield	JPFTM	m <sup>2</sup> /kg (in <sup>2</sup> /lb)	9.5 (6680)	7.1(4990)	5.7 (4000)	
<b>OPTICAL</b>						
Haze	ASTM D-1003	%	2.0	2.2	2.5	
Total luminous transmittance	ASTM D-1003	%	89	89	89	
<b>MECHANICAL</b>						
Tensile strength (Min)	MD	ASTM D-882	Kg/cm <sup>2</sup> (psi)	1700 (24200)	1700 (24200)	1700 (24200)
	TD	ASTM D-882	Kg/cm <sup>2</sup> (psi)	1700 (24200)	1700 (24200)	1700 (24200)
Elongation (Min)	MD	ASTM D-882	%	120	120	120
	TD	ASTM D-882	%	100	100	100
Coefficient of friction (Side-A / B) (Max)	St	ASTM D-1894	-	0.50	0.50	0.50
	Dy	ASTM D-1894	-	0.40	0.40	0.40
<b>THERMAL</b>						
Shrinkage (150°C / 30 min) (Max)	MD	ASTM D-1204	%	2.5	2.5	2.5
	TD	ASTM D-1204	%	1.5	1.5	1.5
<b>SURFACE</b>						
Wetting tension (Min)	ASTM D-2578	Dyne / cm	42	42	42	
<b>Electrical</b>						
Surface Resistivity	ASTM D-256	Ohm cm	10 <sup>^11</sup>	10 <sup>^11</sup>	10 <sup>^11</sup>	

The values given in this technical datasheet are typical performance data and are believed to be accurate. These are given in good faith but it is for the customer to satisfy of the suitability for its own particular purpose. POLYESFILM S.L.U. suggests the customer to confirm these values and product compatibility prior to their use and the company offers neither guarantee nor accepts any responsibility for the fitness of the product for any particular use.

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**TECHNICAL DATA**

Properties	Test method	Unit	B-21531		
<b>PHYSICAL</b>					
Thickness	ASTM D-374	Micron (Gauge)	175 (700)	250 (1000)	
Yield	JPFTM	m <sup>2</sup> /kg (in <sup>2</sup> /lb)	4.1 (2880)	2.9 (2040)	
<b>OPTICAL</b>					
Haze	ASTM D-1003	%	3.0	4.5	
Total luminous transmittance	ASTM D-1003	%	89	89	
<b>MECHANICAL</b>					
Tensile strength (Min)	MD	ASTM D-882	Kg/cm <sup>2</sup> (psi)	1700 (24200)	1600 (22800)
	TD	ASTM D-882	Kg/cm <sup>2</sup> (psi)	1700 (24200)	1600 (22800)
Elongation (Min)	MD	ASTM D-882	%	120	120
	TD	ASTM D-882	%	100	100
Coefficient of friction (Side-A / B) (Max)	St	ASTM D-1894	-	0.50	0.50
	Dy	ASTM D-1894	-	0.40	0.40
<b>THERMAL</b>					
Shrinkage (Max) (150°C / 30 min)	MD	ASTM D-1204	%	2.5	2.5
	TD	ASTM D-1204	%	1.5	1.5
<b>SURFACE</b>					
Wetting tension (Min)	ASTM D-2578	Dyne / cm	42	42	
<b>Electrical</b>					
Surface Resistivity	ASTM D-256	Ohm cm	10 <sup>11</sup>	10 <sup>11</sup>	

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