



# DuPont Teijin Films™

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## MELINEX® 462

### Product Description

Melinex® 462 is a high clarity polyester film manufactured with a coating on both surfaces that promotes adhesion to many solvent formulations and to most vinyl or acrylic base ink systems.

### Typical Applications

Melinex® 462 is used in many general industrial applications where clarity and adhesion properties are critical, e.g., coating, lamination and print-on applications.

### Typical Properties

Available Thickness [Gauge]				
142;	200;	265;	300;	380;
400;	460;	500;	650;	700;
1000				

Property	Thickness	Value	Units	Test
<b>OPTICAL</b>				
Haze	142-300	0.4	%	ASTM D1003
Haze	400-500	0.6	%	ASTM D1003
Haze	700	0.8	%	ASTM D1003
Haze	1000	1.2	%	ASTM D1003
Total Light Transmission (TLT)	ALL	90.5	%	ASTM D1003
<b>PHYSICAL</b>				
C.O.F. (dynamic) A-B	142-1000	0.4		ASTM D1894
F5-MD	142-1000	14,000	psi	ASTM D882
F5-TD	142-1000	14,000	psi	ASTM D882
Tensile Strength MD	142-1000	25,000	psi	ASTM D882
Tensile Strength TD	142-700	36,000	psi	ASTM D882
Tensile Strength TD	1000	30,000	psi	ASTM D882
Yield (nominal)	142	13,969	in <sup>2</sup> /lb	
Yield (nominal)	200	9,918	in <sup>2</sup> /lb	
Yield (nominal)	265	7,485	in <sup>2</sup> /lb	
Yield (nominal)	300	6,612	in <sup>2</sup> /lb	
Yield (nominal)	380	5,220	in <sup>2</sup> /lb	
Yield (nominal)	460	4,312	in <sup>2</sup> /lb	
Yield (nominal)	650	3,052	in <sup>2</sup> /lb	
Yield (nominal)	700	2,800	in <sup>2</sup> /lb	
Yield (nominal)	1000	1,984	in <sup>2</sup> /lb	
<b>THERMAL</b>				
Shrinkage MD (190°C)	142-1000	2.5	%	Unrestrained @ 190°C/5 min
Shrinkage TD (190°C)	142-1000	1.0	%	Unrestrained @ 190°C/5 min

### Contact Info

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### Disclaimer

Note: These values are typical performance data for DuPont Teijin Films' polyester film; they are not intended to be used as design data. We believe this information is the best currently available on the subject. It is offered as a possible helpful suggestion in experimentation you may care to undertake along these lines. It is subject to revision as additional knowledge and experience is gained. DuPont Teijin Films makes no guarantee of results and assumes no obligation or liability whatsoever in connection with this information. This publication is not a license to operate under, or intended to suggest infringement of, any existing patents.

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