



## MELINEX® 342

### Product Description

Melinex® 342 is a two-side heat-sealable, clear polyester film which is ideal in specialty card laminate applications. This film can be heat sealed to itself and other polyesters, as well as a variety of substrates including some grades of paper, PVC, and Teslin®. Melinex® 342 film is currently available in thicknesses of 300, 400, and 600 gauge.

### Typical Properties

Available Thickness [Gauge]
300; 400; 600

Property	Thickness	Value	Units	Test
<b>OPTICAL</b>				
Total Light Transmission (TLT)	300	90.0	%	ASTM D1003-77 (Gardner Haze)
Total Light Transmission (TLT)	400	87.0	%	ASTM D1003-77 (Gardner Haze)
Total Light Transmission (TLT)	600	86.0	%	ASTM D1003-77 (Gardner Haze)
<b>PHYSICAL</b>				
C.O.F. (dynamic) A-B		0.9		ASTM D1894
Density		1.40	g/cc	ASTM D1505
Elongation at Break MD		180	%	ASTM D882A
Elongation at Break TD		130	%	ASTM D882A
Tensile Strength MD		24,000	psi	ASTM D882A
Tensile Strength TD		24,000	psi	ASTM D882A
<b>THERMAL</b>				
Heat Seal Strength (HS/HS)		1500	g/inch	DuPont 275°F, 40 PSI, 2 sec.
Heat Seal Temp. Range		275-375	°F	1 sec. @ 40 PSI
Shrinkage MD (190°C)		2.0	%	Unrestrained @ 190°C/5 min
Shrinkage TD (190°C)		2.0	%	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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