



DuPont Teijin Films™

MELINEX® 357

Product Description

Melinex® 357 is a two-sided heat sealable, opaque white 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® 357 film is currently available in thicknesses of 400, 600, 800, and 1000 gauge.

Typical Properties

Available Thickness [Gauge]
400; 600; 800; 1000

Property	Thickness	Value	Units	Test
OPTICAL				
Total Light Transmission (TLT)	1000	4	%	ASTM D1003-77 (Gardner Haze)
Total Light Transmission (TLT)	600	6	%	ASTM D1003-77 (Gardner Haze)
PHYSICAL				
C.O.F. (dynamic) A-B		1.48		ASTM D1894
Density		1.48	g/cc	ASTM D1505
Elongation at Break MD		110	%	ASTM D882A
Elongation at Break TD		100	%	ASTM D882A
Tensile Strength MD		17,000	psi	ASTM D882A
Tensile Strength TD		19,500	psi	ASTM D882A
Yield Strength MD		12,000	psi	ASTM D882A
Yield Strength TD		12,000	psi	ASTM D882A
THERMAL				
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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