



Melinex®

polyester film

Melinex® D996

Melinex® D996 is a developmental white high-opacity polyester film. Type D996 is treated on both sides to promote adhesion to inks and lacquers.

Melinex® D996 is available for sampling in thicknesses of 165 and 305 microns. .

Melinex® D996 is a developmental grade and actual properties are subject to change.

TYPICAL VALUES OF PROPERTIES

Property	Test Method	Unit	Value	
			165µm	305µm
General				
Relative Density* (at 23°C)	ASTM D 1505-85	g/cm ³	1.4	1.4
Area Yield		m ² /kg	4.3	2.3
Mechanical				
Tensile strength at break	ASTM D882-83	kgf/mm ²	MD 18	TD 23
Elongation at break	ASTM D882-83	%	120	90
Optical				
Whiteness	ASTM E 313-79		92	
Optical Density	ASTM D1003-77 (Gardner Hazemeter)		min 3.3	min 4.0
Thermal				
Upper melt temperature	ASTM E794-85	°C	255 - 260	
Shrinkage	5min at 190°C	%	MD 2.5	TD 0.75

*These are only approximate figures and may be subject to variation.

1µm = 1 micron = 0.001 mm approx. 4 gauge, *MD = Machine Direction, **TD = Transverse Direction

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This information corresponds to our current knowledge on the subject. It is offered solely to provide possible suggestions for your own experimentations. It is not intended, however, to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for your

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Caution: Do not use in medical applications involving permanent implantation in the human body. For other medical applications, see "DuPont Teijin Films Medical Caution Statement", H-50102-DTF.

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