



MELINEX® 461

Product Description

MELINEX® 461 is a high clarity polyester film manufactured with a coating on one surface that promotes adhesion to many solvent formulations and to most vinyl or acrylic base ink systems.

The adhesion pretreated surface is wound outside of the roll.

Typical Applications

MELINEX® 461 is used in many general industrial applications where clarity and adhesion properties are critical, e.g., coating, lamination and label applications.

Please contact your DuPont Teijin Films representative to receive the Regulatory Compliance documents.

Typical Properties

Available Thickness [Gauge]
200; 300; 400; 500; 700; 1000

Property	Thickness	Value	Units	Test
OPTICAL				
Haze	200-300	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)	200-1000	90	%	ASTM D1003
PHYSICAL				
C.O.F. (dynamic) A-B	200-400	0.40		ASTM D1894
C.O.F. (dynamic) A-B	500-1000	0.30		ASTM D1894
Elongation at Break MD	200-1000	160	%	ASTM D882
Elongation at Break TD	200-1000	85	%	ASTM D882
F5-MD	200-1000	14,000	psi	ASTM D882A
F5-TD	200-1000	14,000	psi	ASTM D882A
Tensile Strength MD (break)	200-1000	25,000	psi	ASTM D882A
Tensile Strength TD (break)	200-400	35,000	psi	ASTM D882A
Tensile Strength TD (break)	500-700	32,000	psi	ASTM D882A
Tensile Strength TD (break)	1000	28,000	psi	ASTM D882A
THERMAL				
Shrinkage MD (190°C)	200-1000	2.5	%	Unrestrained @ 190°C/5 min
Shrinkage TD (190°C)	200-1000	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

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