



# DuPont Teijin Films™

## MELINEX® 475

### Product Description

Melinex® 475 is a high yield, translucent polyester film with superb handling properties. Both surfaces are pretreated to promote adhesion to most industrial coatings. The side with the lower gloss (Side A) is wound on the outside.

### General Product Info

This film has low extractables and a high tear strength

### Approvals

**UL Recognition** - Product has been registered with Underwriters Laboratories

### Typical Properties

Available Thickness [Gauge]
200

Property	Thickness	Value	Units	Test
<b>ELECTRICAL</b>				
Surface Resistivity		10 <sup>15</sup>	Ohms/sq	ASTM D257 (500 V DC @ 25°C 50% RH)
Volume Resistivity		10 <sup>17</sup>	Ohms-cm	ASTM D257 (100 V DC 25°C, 50% RH, 1000 sec electrification time)
<b>OPTICAL</b>				
Gloss 45 Degrees	200	60		ASTM D1003 (A side)
Gloss 45 Degrees	200	95		ASTM D1003 (B side)
Total Light Transmission (TLT)	200	40	%	ASTM D1003
<b>PHYSICAL</b>				
Area Strength	200	11,200	in <sup>2</sup> /lb	
C.O.F. (dynamic) A-B		0.3		ASTM D1894
Density		1.20	g/cc	ASTM D1505
Elongation at Break MD		180	%	ASTM D882A
Elongation at Break TD		110	%	ASTM D882A
Tensile Strength MD		23,000	psi	ASTM D882A

Tensile Strength TD		26,000	psi	ASTM D882A
Yield Strength MD		12,000	psi	ASTM D882A
Yield Strength TD		12,000	psi	ASTM D882A
<b>THERMAL</b>				
Shrinkage MD (190°C)		3.0	%	Unrestrained @ 190°C/5 min
Shrinkage TD (190°C)		0.5	%	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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