



# DuPont Teijin Films™

## MYLAR® 822C

### Product Description

Mylar® 822C is a polyester film that has been chemically pretreated on one side and corona treated on the other. It is designed for printing and extruded polyethylene adhesion.



← Clear PET Film

← Pre-treat for direct polyethylene extrusion

### Approvals

**Food Contact Status** - Please contact your DuPont Teijin Films representative to receive the Regulatory Compliance documents

### Typical Properties

Available Thickness [Gauge]
48; 92; 200

Property	Thickness	Value	Units	Test
<b>BARRIER</b>				
Gas Permeability - O <sub>2</sub> , 24 hr	48	6	cc/100 in <sup>2</sup>	ASTM D1434 77°F/75% RH/1 ATM
WVTR	48	2.8	g/100 in <sup>2</sup> /day	ASTM F1249 38°C, 90% RH
<b>OPTICAL</b>				
Haze	200	8.8	%	ASTM D1003
Haze	48	3.8	%	ASTM D1003
Haze	92	5.7	%	ASTM D1003
<b>PHYSICAL</b>				
C.O.F. (dynamic)	48-200	0.4		ASTM D1894
C.O.F. (static)	48	0.5		ASTM D1894
Density	48-200	1.40	g/cc	
Elongation at Break MD	200	150	%	ASTM D882A
Elongation at Break MD	48	110	%	ASTM D882A
Elongation at Break MD	92	130	%	ASTM D882A
Elongation at Break TD	200	110	%	ASTM D882A
Elongation at Break TD	48	70	%	ASTM D882A
Elongation at Break TD	92	90	%	ASTM D882A
Surface Tension (Minimum)	48-200	50	Dyne/cm	ASTM D2578
Tensile Strength MD (break)	48-200	28,500	psi	ASTM D882A
Tensile Strength TD (break)	200	33,000	psi	ASTM D882A
Tensile Strength TD (break)	48 & 92	36,000	psi	ASTM D882A
<b>THERMAL</b>				
Shrinkage MD (190°C)	48-200	3	%	Unrestrained @ 190°C/5 min
Shrinkage TD (190°C)	200	0.6	%	Unrestrained @ 190°C/5 min
Shrinkage TD (190°C)	48 & 92	1.3	%	Unrestrained @ 190°C/5 min

### Contact Info

DuPont Teijin Films U.S. Limited Partnership  
 3600 Discovery Drive  
 Chester, VA 23836 USA  
 Tel: (800) 635-4639  
 Fax: (804) 530-9867

## 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.

CAUTION: Do not use in medical applications involving permanent implantation in the human body ([DuPont Teijin Films Medical Policy](#)). For other medical applications, see the [Medical Caution Statement](#). DuPont Teijin Films accepts no liability for use of its products in medical applications not reviewed and approved by DuPont Teijin Films or for product misuse. DuPont Teijin Films supplies products to an agreed specification and does not manufacture products designed specifically for medical end use.

Melinex®, Mylar® and Melinex® ST™ are registered trademarks of DuPont Teijin Films U.S. Limited Partnership. Teijin® and Teton® are registered trademarks of Teijin Limited used under license by DuPont Teijin Films U.S. Limited Partnership. Teonex® is a registered trademark of Teijin DuPont Films Japan Limited and is used under license by DuPont Teijin Films U.S. Limited Partnership.