

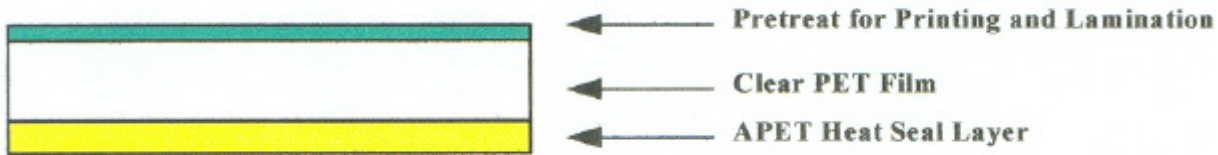


# DuPont Teijin Films™

## MYLAR® CLP

### Product Description

Mylar® CLP is an exceptionally strong polyester film designed to package foods. Foods can be heated or cooked in this film at temperatures up to 400°F. Mylar® CLP is commercially available in nominal 50 and 100 gauge. The film is typically provided with the sealant side wound toward the core. The opposite side has been chemically pretreated for printing and lamination adhesion.



### General Product Info

This film is similar to Mylar® OL, however, this film will have much stronger seals at temperatures above 180°F than OL. This film withstands freezing temperatures down to -40°F. Mylar® CLP softens in the range of 425°-450°F.

### Typical Applications

This film when laminated to foil makes an excellent inner cap seal for PET jars.

### Approvals

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

### Disposal

Disposal of Mylar® CLP does not present special problems. It can be buried as a relatively inert material in a landfill or burned in an incinerator with normal refuse. The incinerator should have sufficient draft to exhaust all combustion products through the stack to avoid exposure to irritating fumes. The disposal method should comply with Local, State, and Federal regulations.

### Typical Properties

Available Thickness [Gauge]
50; 100

Property	Thickness	Value	Units	Test
<b>BARRIER</b>				
Gas Permeability - O <sub>2</sub> , 24 hr	100	5	cc/100 in <sup>2</sup> /day	ASTM D3985 22°C/75% RH/1 ATM
Gas Permeability - O <sub>2</sub> , 24 hr	50	9	cc/100in <sup>2</sup>	ASTM D3985 22°C/75% RH/1 ATM
WVTR	100	1.3	g/100 in <sup>2</sup> /day	ASTM F1249 38°C, 90% RH
WVTR	50	2.8	g/100 in <sup>2</sup> /day	ASTM F1249 38°C, 90% RH
<b>PHYSICAL</b>				
Elongation at Break MD	100	140	%	ASTM D822A
Elongation at Break MD	50	110	%	ASTM D882A

Elongation at Break TD	100	80	%	ASTM D822A
Elongation at Break TD	50	80	%	ASTM D882A
Modulus	50 - 100	550	kpsi	ASTM D882A
Tear (Graves)	100	1.1	lb	ASTM D1004
Tear (Graves)	50	0.7	lb	ASTM D1004
Tensile Strength MD (break)	100	27	kpsi	ASTM D882A
Tensile Strength MD (break)	50	27	kpsi	ASTM D882A
Tensile Strength TD (break)	100	40	kpsi	ASTM D882A
Tensile Strength TD (break)	50	34	kpsi	ASTM D882A
Unit Weight	100	21.8	lb/ream	E252 (0.5m <sup>2</sup> )
Unit Weight	50	11.7	lb/ream	ASTM E252 (0.5m <sup>2</sup> )
Yield (nominal)	100	19,900	in <sup>2</sup> /lb	
Yield (nominal)	50	37,100	in <sup>2</sup> /lb	
<b>THERMAL</b>				
Heat Seal Strength (Coat/Coat)	100	500	g/in	250°F, 0.5 sec, 20 psi
Heat Seal Strength (Coat/Coat)	50	500	g/in	250°F, 0.5 sec, 20 psi

## Standard Put-ups

Core I.D. (Inches)	Roll O.D. (Inches)	Thickness (Gauge)	Length (Feet)
3	9 ± ¼	50	9,300
3	13 ± ¼	50	18,800
6	11 ± ¼	50	9,400
6	14 ± ¼	50	18,400
6	18 ± ¼	50	33,700

## 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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