

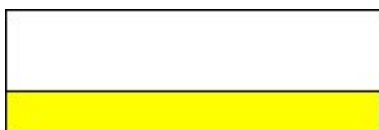


# DuPont Teijin Films™

## MYLAR® OL22

### Product Description

Mylar® OL22 is a one side heat sealable, polyester film. It can be heat sealed to itself and heat seals well to thermoformed APET/CPET trays and APET coated board. It also heat seals to various other substrates including PVdC, PVC, paper and aluminum foil, but will not seal to polyolefins. The plain or non-heat seal surface of Mylar® OL22 exhibits the properties of standard polyester film.



← Clear PET Film

← APET heat seal layer

### General Product Info

Mylar® OL22 has an exceptionally wide heat seal range, from 220°F to 400°F, with outstanding hot tack properties. The plain surface of Mylar® OL22 can be printed or metallized in the same way as plain polyester film, although the sealable surface makes handling of the film during conversion more critical. The heat seal surface of the film is normally wound on the inside of the roll.

### Typical Applications

Mylar® OL22 is an excellent film for applications where chemical resistance of the sealant surface is required. It offers excellent thermal properties in freezer to oven applications for lidding applications.

### Approvals

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

### Disposal

For Mylar® OL22 that has been laminated, coated, printed or metallized, incineration with Energy Recovery is the most environmentally efficient recovery route. Plain Mylar® OL22 can also be burned in an incinerator with normal refuse or can be buried as a relatively inert material in a landfill. The disposal method should comply with appropriate local and country regulations.

### Typical Properties

<b>Available Thickness [Gauge]</b>
100

Property	Thickness	Value	Units	Test
<b>BARRIER</b>				
Gas Permeability - O <sub>2</sub> , 24 hr	100	3.1	cc/100 in <sup>2</sup>	ASTM D3985 22°C/50% RH/1 ATM
WVTR	100	1.1	g/100 in <sup>2</sup> /day	ASTM F1249 38°C, 90% RH
<b>OPTICAL</b>				
Haze	100	6.0	%	ASTM D1003
<b>PHYSICAL</b>				
C.O.F. (dynamic) A-B	100	0.50		ASTM D1894 (untreated to treated)
Elongation at Break MD	100	100	%	ASTM D882A
Elongation at Break TD	100	90	%	ASTM D882A
Tensile Strength MD	100	27,000	psi	ASTM D882A
Tensile Strength TD	100	29,000	psi	ASTM D882A
Yield (nominal)	100	16,500	in <sup>2</sup> /lb	

<b>THERMAL</b>				
Heat Seal Strength (HS/HS)	100	500	g/in	285°F, 40 PSI, 1 sec HS/HS
Heat Seal Temp. Range	100	220 - 400	°F	
Shrinkage MD (190°C)	100	3.5	%	Unrestrained @ 190°C/5 min
Shrinkage TD (190°C)	100	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 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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