



DuPont Teijin Films™

MYLAR® CK2E

Product Description

MYLAR® CK2E is a biaxially oriented Polyester (OPET) film with an amorphous polyester heat seal layer. It is used as a heat sealable lidding film in various packaging applications. MYLAR® CK2E is commercially available in nominal 50, 75, and 100 gauges.

General Product Info

Typical applications use MYLAR® CK2E as a capping web for thermoformed, flexible packages. MYLAR® CK2E is heat sealed to the top of the formed sheet once the food product has been placed inside the package. MYLAR® CK2E is designed to work with most roll stock thermoforming equipment.

Solutions to minimize contact with raw meat are increasingly necessary due to the heightened awareness of contamination. MYLAR® CK2E, combined with a thermoformed web, such as MYLAR® CKFE or CKFPE, offers the ability to package raw meats, poultry, and seafood in lightweight, sealed containers that can go directly from the freezer into a microwave or conventional oven. Handling is minimized between the processing plant and the finished, ready-to-eat product. Using MYLAR® thermoformed films, meat processors can enhance consumer value with portion control packs containing seasoned or marinated individual meat servings. All MYLAR® thermoformed packages self baste which enhance flavor and tenderness while significantly reducing cooking times. MYLAR® thermoformed packages provide convenience solutions for today's busy lifestyle and growing trends in healthy eating.

DuPont Teijin Films is unable to provide information about the shelf life of food product packaged in MYLAR® Cook films. Food quality, process conditions, and storage conditions play a key role in determining the shelf life of packaged foods. These conditions are many and outside of DuPont Teijin Films' control. DuPont Teijin Films makes no warranties, express or implied, and assumes no liability in connection with any use of this information.

MYLAR® CK2E can withstand freezing temperatures down to -40 °F, and foods can be heated or cooked in contact with this film at temperatures up to 425°F.

Approvals

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

Disposal

Disposal of MYLAR® CK2E does not present special disposal 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 incinerator must be capable of scrubbing out acidic off gas. The disposal method should comply with local and country regulations.

Typical Properties

Available Thickness [Gauge]
50; 75; 100

Property	Thickness	Value	Units	Test
BARRIER				
Gas Permeability - O ₂ , 24 hr	50	9	cc/100in ²	ASTM D3985 22°C/75% RH/1 ATM
Gas Permeability - O ₂ , 24 hr	75	7	cc/100in ²	ASTM D3985 22°C/75% RH/1 ATM
Gas Permeability - O ₂ , 24 hr	100	5	cc/100in ²	ASTM D3985 22°C/75% RH/1 ATM
WVTR	50	2.8	g/100in ² /day	ASTM F1249 38°C, 90% RH
WVTR	75	1.9	g/100in ² /day	ASTM F1249 38°C, 90% RH
WVTR	100	1.3	g/100in ² /day	ASTM F1249 38°C, 90% RH
PHYSICAL				
Elongation at Break MD	50-100	110	%	ASTM D882A

Elongation at Break TD	50-100	80	%	ASTM D882A
Modulus	50-100	550	kpsi	ASTM D822
Tear (Graves)	50	0.7	lb	ASTM D1004
Tear (Graves)	75	0.9	lb	ASTM D1004
Tear (Graves)	100	1.1	lb	ASTM D1004
Tensile Strength MD (break)	50-100	25	kpsi	ASTM D882A
Tensile Strength TD (break)	50-100	35	kpsi	ASTM D882A
Unit Weight	50	12.5	lb/ream	ASTM E252 (0.5m ²)
Unit Weight	75	18.3	lb/ream	ASTM E252 (0.5m ²)
Unit Weight	100	22.0	lb/ream	ASTM E252 (0.5m ²)
Yield (nominal)	50	34,700	in ² /lb	
Yield (nominal)	75	23,800	in ² /lb	
Yield (nominal)	100	19,800	in ² /lb	

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.

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.

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