



DuPont Teijin Films™

MYLAR® CK2

Product Description

Mylar® CK2 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® CK2 is commercially available in 100 gauge.

General Product Info

Typical applications use Mylar® CK2 as a capping web for thermoformed, flexible packages. Mylar® CK2 is heat sealed to the top of the formed sheet once the food product has been placed inside the package. Mylar® CK2 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® CK2, combined with a thermoformed web such as Mylar® CKF or CKFP 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® CK2 can withstand freezing temperatures down to -40°F and food can be heated or cooked in contact with this film at temperatures of 425°F

Approvals

Food Contact Status: Mylar® CK2 complies with the Food and Drug Administration regulation 21 CFR 177.1630 – Polyethylene Terephthalate Polymers. This regulation describes films which may be safely used in contact with all types of food excluding alcoholic beverages. Mylar® CK2 can be used to contain foods during oven cooking or oven baking temperatures above 250°F

Disposal

Disposal of Mylar® CK2 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

Property	Thickness	Value	Units	Test
BARRIER				
Gas Permeability - O ₂ , 24 hr	100	5	cc/100in ²	ASTM D3985 22°C/75% RH/1 ATM
WVTR	100	1.3	g/100in ² /day	ASTM F1249 38°C, 90% RH
PHYSICAL				
Elongation at Break MD	100	110	%	ASTM D882A
Elongation at Break TD	100	80	%	ASTM D882A
Modulus	100	550	kpsi	ASTM D882
Tear (Graves)	100	1.1	lb	ASTM D1004
Tensile Strength MD (break)	100	25	kpsi	ASTM D882A
Tensile Strength TD (break)	100	35	kpsi	ASTM D882A
Unit Weight	100	22.0	lb/ream	ASTM E252 (0.5m ²)
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.

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