



# DuPont Teijin Films™

## MYLAR® CKP2

### Product Description

Mylar® CKP2 is a puncture resistant, heat sealable packaging film. Mylar® CKP2 is commercially available in nominal 200 gauge.

### Typical Applications

Typical applications use Mylar® CKP2 as a capping web for thermoformed, flexible packages. Mylar® CKP2 is heat sealed to the top of the formed sheet once the food product has been placed inside the package. Mylar® CKP2 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® CKP2, combined with a thermoformed web Mylar® 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.

### Special Features

The puncture resistant surface on Mylar® CKP2 may be suitable for limited printing with appropriately formulated ink systems. Corona treatment to the puncture resistant surface prior to print and/or lamination is generally recommended. Heat resistant overlaquers may be required to maintain integrity of the ink.

### Approvals

**FDA Food Contact Status** - Mylar® CKP2 polyester film complies with the Food and Drug Administration Regulations 21 CFR 177.1630 and 21 CFR 177.1390. These regulations describe films that can safely be used in contact with all types of food including alcoholic beverages that do not exceed 8% alcohol by volume. Mylar® CKP2 can be used to contain food during oven cooking at temperatures above 250°F.

### Disposal

Disposal of Mylar® CKP2 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, state and federal regulations.

### Typical Properties for CKP2

Available Thickness [Gauge]
200

Property	Thickness	Value	Units	Test
<b>BARRIER</b>				
Gas Permeability - O <sub>2</sub> , 24 hr	200	2.1	cc/100 in <sup>2</sup>	ASTM D3985 22°C/50% RH/1 ATM
WVTR	200	0.6	g/100 in <sup>2</sup> /day	ASTM F1249 38°C, 90% RH

<b>OPTICAL</b>				
Haze	200	11.0	%	ASTM D1003
TLT	200	91.0	%	ASTM D1003
<b>PHYSICAL</b>				
C.O.F. (dynamic) A-B	200	0.3	n/a	ASTM D1894 (untreated to treated)
C.O.F. (static) A-B	200	0.4	n/a	ASTM D1894 (untreated to treated)
Puncture	200	12	lbf	ASTM F1306
Elongation at Break MD	200	170	%	ASTM D882A
Elongation at Break TD	200	150	%	ASTM D882A
Tensile Strength MD (at Break)	200	16,600	psi	ASTM D882A
Tensile Strength TD (at Break)	200	18,000	psi	ASTM D882A
Tear Initiation MD	200	3	lbs	AST M D1004
Tear Initiation TD	200	3	lbs	AST M D1004
Tear Propagation MD	200	70	grams	ASTM D1938
Tear Propagation TD	200	55	grams	ASTM D1938
Yield (nominal)	200	10,542	in <sup>2</sup> /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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