



## **MYLAR® CKP5**

### **Product Description**

MYLAR® CKP5 is a puncture resistant, heat sealable packaging film. MYLAR® CKP5 is commercially available in nominal 200 gauge.

### **General Product Info**

Typical applications use MYLAR® CKP5 as a capping web for thermoformed, flexible packages. MYLAR® CKP5 is heat sealed to the top of the formed sheet once the food product has been placed inside the package. MYLAR® CKP5 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® CKP5, combined with a thermoformed web such as 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.

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.

### **Special Features**

The puncture resistant surface on MYLAR® CKP5 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® CKP5 complies with 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 foods including alcoholic beverages that do not exceed 8% alcohol by volume. The films listed above can be used to contain foods during oven cooking at temperatures above 250°F.

## Disposal

Disposal of MYLAR® CKP5 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 disposal method should comply with Local, State, and Federal regulations.

## Typical Properties

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	%	ASTM D1003
Total Light Transmission (TLT)	200	91.0	%	ASTM D1003
<b>PHYSICAL</b>				
C.O.F. (dynamic) A-B	200	0.3		ASTM D1894 (untreated to treated)
C.O.F. (static) A-B	200	0.4		ASTM D1894 (untreated to treated)
Elongation at Break MD	200	170	%	ASTM D882A
Elongation at Break TD	200	150	%	ASTM D882A
Puncture	200	12	lbf	ASTM F1306
Tear Initiation MD	200	3	lbs	ASTM D1004
Tear Initiation TD	200	3	lbs	ASTM D1004
Tear Propagation MD	200	70	grams	ASTM D1938
Tear Propagation TD	200	55	grams	ASTM D1938
Tensile Strength MD (break)	200	16,600	psi	ASTM D882A
Tensile Strength TD (break)	200	18,000	psi	ASTM D882A
Yield (nominal)	200	9,309	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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