



## 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

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

### 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

|                                    |
|------------------------------------|
| <b>Available Thickness [Gauge]</b> |
| 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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