



DuPont Teijin Films™

MYLAR® BKP5

Product Description

Mylar® BKP5 is a puncture resistant, heat sealable packaging film. Mylar® BKP5 is commercially available in nominal 200 gauge.

Typical Applications

Typical applications use Mylar® BKP5 as a capping web for thermoformed, flexible packages. Mylar® BKP5 is heat sealed to the top of the formed sheet once the food product has been placed inside the package. Mylar® BKP5 is designed to work with most roll stock thermoforming equipment.

The line of Mylar® BAKE products are designed for the Bakery industry

Special Features

The puncture resistant surface on Mylar® BKP5 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® BKP5 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® BKP5 can be used to contain food during oven cooking at temperatures above 250°F.

Disposal

Disposal of Mylar® BKP5 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 Mylar® BKP5

Available Thickness [Gauge]
200

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

OPTICAL				
Haze	200	11.0	%	ASTM D1003
TLT	200	91.0	%	ASTM D1003

PHYSICAL				
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	9,460	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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