



DuPont Teijin Films™

MYLAR® BK31

Product Description

Mylar® BK31 is a bi-axially oriented polyester (OPET) film with a heat seal layer applied. It is used as a heat sealable lidding film in various packaging applications. It is specifically designed to provide easy peel characteristics. Mylar® BK31 is commercially available in 100 ga.

Typical Applications

Mylar® BK31 is specifically designed as a easy peel sealant capping web for rollstock thermoforming applications for Bakery Products. It would typically be removed before baking. A forming web such as Mylar® BKF is used to form a pocket where a bakery item would be deposited. Then Mylar® BK31 provides a heat seal lidding to the top of the formed web while a vacuum is pulled. This vacuum package prevents freezer burn, flavor scalping and oxidative rancidity of Bakery items. The package can easily withstand freezing temperatures down to -40°F. Typical heat seal conditions for Mylar® BK31 are 185°C with a 2-3 sec dwell

Approvals

FDA Food Contact Status - Mylar® BK31 has been assessed with respect to Food Contact Legislation. Please contact your DuPont Teijin Films representative to receive the Regulatory Compliance documents.

Disposal

Disposal of Mylar® BK31 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]
100

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
Yield (nominal)	100	19,500	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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