



DuPont Teijin Films™

MYLAR® BKF

Product Description

MYLAR® BKF is a clear, uncoated, formable polyester packaging film designed for shallow-draw thermoformed dual-ovenable package structures. Mylar® BKF is commercially available in 200 ga.

Typical Applications

Mylar® BKF is specifically designed as a forming web for rollstock thermoforming equipment for Bakery applications. A pocket is formed with the Mylar® BKF where a bakery item would be deposited. Then used with a sealant capping web, such as Mylar® BK2, would provide a strong heat seal 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 Mylar® BKF forming web and Mylar® BK2 sealant capping web provides a dual-ovenable package. Baking in this format simulates a steam convection oven providing a hotter more even bake with enhanced flavor profile. It reduces proofing time, cook time, cleanup, and eliminates the need for expensive pans. The package can easily withstand freezing temperatures down to -40°F and bakery items can be baked in direct contact with this film at temperatures up to 425°F. Baking from frozen raw vs. frozen pre-cooked gives right off the bakery line quality. 200 gauge Mylar® BKF can formed to draw depths of 1.5 - 2.0 inches depending on the shape of the mold. Heat-over-forming is required and good vacuum, air pressure, and temperature control is essential for satisfactory thermoforming. Recommended forming conditions are 125°C. Forming time will be dependent on process ambient conditions, but typically is 2.0 - 3.0 seconds.

Approvals

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

Disposal

Dispose of in compliance with federal, state and local regulations. Preferred options for disposal are (1) recycling, (2) incineration with energy recovery, and (3) landfill. The high fuel value of this product makes option No. 2 very desirable for material which cannot be recycled.

Typical Properties

Available Thickness [Gauge]
200

Property	Thickness	Value	Units	Test
OPTICAL				
Haze	200	10	%	ASTM D1003
PHYSICAL				
Elongation at Break MD	200	200	%	ASTM D882A
Elongation at Break TD	200	150	%	ASTM D882A
Tensile Modulus MD	200	400	kpsi	ASTM D822A
Tensile Modulus TD	200	450	kpsi	ASTM D882A
Tensile Strength MD (break)	200	20	kpsi	ASTM D882A
Tensile Strength TD (break)	200	22	kpsi	ASTM D882A
Yield (nominal)	200	10,200	in ² /lb	

Contact Info

DuPont Teijin Films U.S. Limited Partnership
3600 Discovery Drive
Chester, VA 23836 USA
Tel: (800) 635-4639
Fax: (804) 530-9867

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.

CAUTION: Do not use in medical applications involving permanent implantation in the human body ([DuPont Teijin Films Medical Policy](#)). For other medical applications, see the [Medical Caution Statement](#). DuPont Teijin Films accepts no liability for use of its products in medical applications not reviewed and approved by DuPont Teijin Films or for product misuse. DuPont Teijin Films supplies products to an agreed specification and does not manufacture products designed specifically for medical end use.

Melinex®, Mylar® and Melinex® ST™ are registered trademarks of DuPont Teijin Films U.S. Limited Partnership.