



DuPont Teijin Films™

MYLAR® BK52

Product Description

Mylar® BK52 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® BK52 is commercially available in 100 ga.

MYLAR® BK52 produces more ductile seals under refrigerated or frozen conditions and seals better to polystyrene containers than other products. MYLAR® BK52 has a lower seal initiation temperature than lidding films with an amorphous polyester heat seal layer. This allows good seals to be made at higher line speeds (or using lower sealing temperatures).

Typical Applications

Mylar® BK52 is specifically designed as a easy peel sealant capping web for rollstock thermoforming applications for Bakery Products. A forming web such as Mylar® BKF or Mylar® BKFP is used to form a pocket where a bakery item would be deposited. Then Mylar® BK52 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.

Approvals

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

Disposal

Disposal of MYLAR® BK52 does not present special 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/100 in ²	ASTM D3985 22°C/50% RH/1 ATM
WVTR	100	1.3	g/100 in 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 D822
Tear (Graves)	100	1.1	lb	ASTM D1004
Tensile Strength MD (break)	100	25	kpsi	ASTM D882A
Tensile Strength TD (break)	100	35	psi	ASTM D882A
Yield (nominal)	100	17,800	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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