



DuPont Teijin Films™

MYLAR® 851H

Product Description

Mylar® 851H (also called Mylar® 851) is a co-extruded, one side amorphous, heat sealable polyester film designed to be used in metallization, print, and lamination applications. This film is suitable for use in contact with food. Mylar® 851H has a thicker heat sealable layer than Mylar® 850H.



This product is similar to Mylar® 850H, however, the amorphous heat seal layer is thicker.



Approvals

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

Typical Properties

Available Thickness [Gauge]
60

Property	Thickness	Value	Units	Test
BARRIER				
Gas Permeability - O ₂ , 24 hr	60	5.0	cc/100 in ²	ASTM D1434 77°F/75% RH/1 ATM
OPTICAL				
Haze	60	3.5	%	ASTM D1003
Total Light Transmission (TLT)	60	88.6	%	ASTM D1003
PHYSICAL				
C.O.F. (dynamic) A-B	60	0.5		ASTM D1894
C.O.F. (static)	60	0.6		ASTM D1894
Density		1.40	g/cc	
Elongation at Break MD		100	%	ASTM D882A
Elongation at Break TD		90	%	ASTM D882A
Tensile Strength MD	60	25	kpsi	ASTM D882A
Tensile Strength TD	60	27	kpsi	ASTM D882A
Yield (nominal)	60	33,000	in ² /lb	
THERMAL				
Heat Seal Temp. Range	60	220-400	°F	
Shrinkage MD (150°C)	60	1.25	%	Unrestrained @ 150°C/30 min
Shrinkage TD (150°C)	60	0.3	%	Unrestrained @ 150°C/30 min

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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