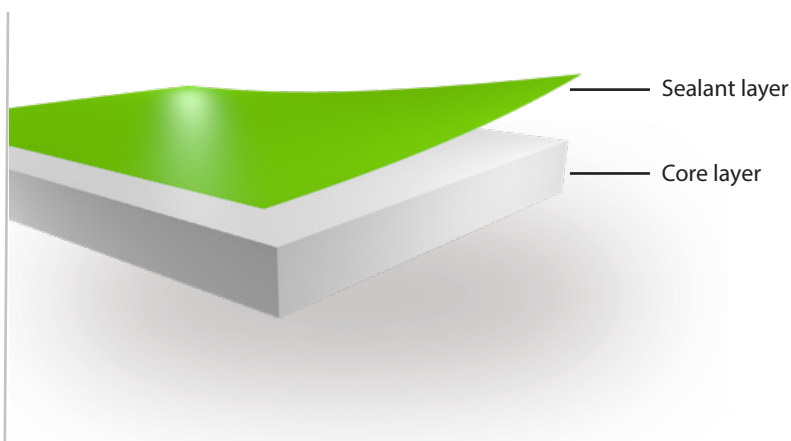


LUMIRROR[®] XL5

Applications

- Lidding



Lumirror XL5

PEELABLE LIDDING FILM,
SEALABLE TO MOST RIGID
SURFACES

Summary

XL5 is a transparent polyester lidding film for peelable seals to most rigid substrates used in today's packaging.

Technical Data *

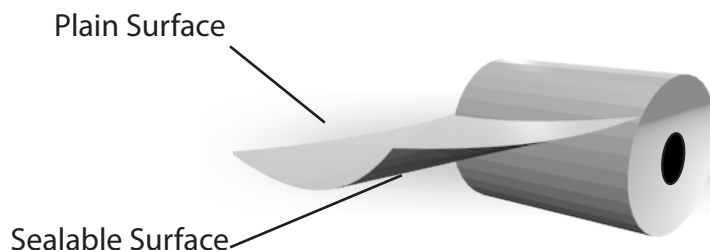
PROPERTIES	METHOD	UNITS	TYPICAL VALUES				
Thickness	-	0.00001"	92	118	164	195	
Nominal Yield	-	in ² /lb	27,100	20,600	14,200	12,300	
Tensile Strength at Break	MD	ASTM D882	lb/in ²	14,600	15,800	20,600	20,600
	TD			14,100	15,100	20,900	20,900
Young's Modulus	MD	ASTM D882	lb/in ²	331,400	318,600	453,700	453,700
	TD			327,100	344,200	462,300	462,300
Elongation at Break	MD	ASTM D882	%	100	110	140	140
	TD			100	110	130	130
MVTR - 100 °F, 90% RH	ASTM F1249	g/100in ² /day	2.3	1.9	1.2	1.2	
O ₂ Barrier 73 °F	ASTM D3985	cc/100in ² /day	11.0	8.0	4.0	4.0	

The product described is covered by one or more of the following patents or patents pending:
 US 6844078, US 14529750, EP 1474289, EP 14874113.5

Key Features

- Peelable seals to CPET, APET, APET paperboard, HDPE, PP, HIPS, PETG, PVC, aluminum foil, glass, blended trays, cups, bottles and many others
- Excellent broad seal range and seals through food residue
- Peelable hot or cold
- Clean peelable seals, no sealant residue
- Solvent free process, ensures the films are odor free and contamination free
- Dual ovenable up to 400°F for 30 minutes
- This film may be used as a lid or closure for containers intended to contact all food types, other than beverages exceeding 50% alcohol by volume, under Conditions of Use A through H as described in 21 C.F.R. § 176.170(c), Table 2. Such use may properly be said to comply fully with the Federal Food, Drug, and Cosmetic Act and all applicable food additive regulations, including 21 C.F.R. § 177.1210

Winding Direction



* These values do not constitute specific binding specifications

DISCLAIMER: This information is believed to be correct as of the date of issue. Toray Plastics (America), Inc. MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE AND TAKES NO RESPONSIBILITY REGARDING THE SUITABILITY OF THIS INFORMATION FOR THE USER'S INTENDED PURPOSES OR FOR THE CONSEQUENCE OF ITS USE. User is responsible for determining whether the Toray Plastics (America), Inc. product is fit for a particular purpose and suitable for user's method or use of application. Given the variety of factors that can affect the use and application of Toray Plastics (America), Inc. products, which are uniquely within the user's knowledge and control, it is essential that the user make its own tests to determine the safety and suitability of each Toray Plastics (America), Inc. product or product combination for its own purpose.

Lumirror® is a registered trademark of Toray Industries, Inc. for its range of Polyester Films based on Polyethylene Terephthalate (PET).