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Polyester Lidding Film

Product:	Multapex PET Lidding Film							
Type:	Polyester Film							
Multapex PET Lidding Film is a biaxially oriented polyester film with an amorphous polyester heat seal layer especially designed for lidding applications. The film is available with or without an anti fog layer.								
Properties		Test Method	Units	Metric Values ¹				
General				PS		PS2	PSAF	
Thickness		MPEX	um	21	25	25	25	32
Yield		MPEX	m ² /kgs	34	29	28	29	21
Density		ASTM-D-1505	g/cc	1.4				
MVTR (38°C, 90% RH)		ASTM-D-1249	gm/m ² /24h	25	22	22	22	20
OTR (23°C, 65% RH)		ASTM-D-3985	cc/m ² /24hr	65	55	55	55	45
Mechanical								
Tensile Strength	MD	ASTM-D-882	kg/cm ²	1800	1900	1900	1900	1900
	TD	ASTM-D-882	kg/cm ²	1800	1800	1900	1900	1900
Elongation	MD	ASTM-D-882	%	100	100	100	100	100
	TD	ASTM-D-882	%	100	100	100	100	100
COF - Static (One Side to Other)		ASTM-D-1894	-	0.4	0.4	0.4	0.4	0.4
Optical								
Haze (Max)		ASTM-D-1003	%	10.0	10.0	10.0	10.0	10.0
Haze		ASTM-D-1003	-	86.0	86.0	86.0	86.0	86.0
Thermal								
Shrinkage @ 100°C for 30 Sec	MD	ASTM-D-1204	%	2.0	2.0	2.0	2.0	2.0
	TD	ASTM-D-1204	%	1	1	1	1	1
Heat Seal Strength HS Surface to HS Surface (min	ASTM-D-1204		%	500	500	750	500	500
@ 140oC, 2.8 kgs/m2 pressure at 1 sec dwell time								

Note:

¹ Values are typical laboratory averages. The results should therefore only be regarded as a general guide to material properties and not as design data. Multapex Pty Ltd makes no representations as to the suitability of this material for any application. Customers must conduct their own testing for each specific application.

Caution:

Do not use in medical applications involving the permanent implantation in the human body. For other medical applications please review with Multapex Pty Ltd. Multapex Pty Ltd accepts no liability for use of its products in medical applications. Multapex Pty Ltd supplies products to an agreed specification and does not manufacture products designed specifically for medical end use.

General:

In addition to the above Multapex Pty Ltd's standard "Terms & Conditions of Trade" apply. A copy can be provided on request.



About Us

Multapex is an Australian business which utilises flexible materials to create unique solutions for our customers.

We are passionate about working with you to gain a deep knowledge of your application and tailoring a product to match. With over 40 years' experience, we can be trusted to collaborate with your team and deliver.

Multapex was founded in 1976 with a 'customer first' philosophy. Today this focus permeates our organisation as we continually strive to create value for our clients.

Our Values

Knowledge

We invest time and resources to acquire knowledge across all areas of our business – customers, suppliers, industries, materials, processes, next-gen, education.

Precision

We are precise and detail orientated in everything we do – conversion, processes, systems, delivery, interactions, finances.

Flexibility

We are flexible in our approach and mindset which allows us to solve whatever challenge is presented to us.

Dedication

We are committed to pursuing every opportunity and challenge with zeal to achieve the desired result.



Get in touch

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