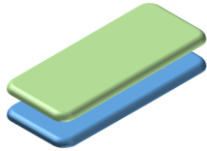




TECHNICAL DATA SHEET

LIDDING FOR GENERAL PURPOSE

IMP852



Treatable PET layer
Proprietary coating for sealing to a range of materials

IMP852 is a transparent film with good optics designed for use as a lidding film with a wide range of substrates. IMP852 gives a strong peel when used with c-PET, r-PET, aluminum, PP, PE, PS and PVC. Sealing to a-PET results in a medium strength seal. IMP852 is designed to seal well to contaminated surfaces.

PRODUCT FEATURES

- Very strong peel seal to most substrates as listed
- Medium seal to a-PET
- Reduced seal strength following heating for easy open
- Self-venting in microwave applications

APPLICATIONS

- Suitable for chilled and frozen applications
- Suitable for microwave and oven use up to 437°F
- Seals well through some contamination on seal surfaces
- Not suitable for applications requiring antifog

PROPERTIES	TEST METHOD	UNITS	IMP852	IMP852	IMP852	IMP852	IMP852	
GENERAL								
Base Web Thickness	Internal	ga	48	72	92	112	144	
Total Thickness	Internal	ga	68	92	112	132	164	
Yield	ASTM D1505	lb/ream	13.4	18.7	22.8	27.1	33.9	
	Internal	in ² /lb	32300	23100	18900	15900	12700	
MECHANICAL								
Tensile Strength (at break)	MD	ASTM D-882	psi	25600	28400	28400	28400	27000
	TD	ASTM D-882	psi	29900	27000	27000	27000	25600
Elongation to Break	MD	ASTM D-882	%	135	130	130	120	115
	TD	ASTM D-882	%	105	100	100	90	95
THERMAL								
Shrinkage (302°F/30 min)	MD	Internal	%	1.8	1.7	1.5	1.3	1.1
	TD	Internal	%	0.5	0.5	0.5	0.5	0.5
BARRIER								
Water Vapor Transmission Rate	(100°F/90% RH)	ASTM E1249	g/100in ² /24h	1.68	1.55	1.10	0.90	0.77
Oxygen Transmission Rate	(73°F/0% RH)	ASTM D3985	cc/100in ² /24h	6.5	5.5	4.5	3.9	3.2
IN APPLICATION								
Heat Seal Range			°F	230 - 410	230 - 410	230 - 410	230 - 410	230 - 410
Maximum Temperature in use (oven)			°F	437.0	437.0	437.0	437.0	437.0
Minimum Temperature in use (freezer)			°F	-58.0	-58.0	-58.0	-58.0	-58.0

Guidelines for storage

Temperature should be less than 86°F and humidity 55±5% in storage areas. Material should be consumed within 3 months of receipt. Allow film to reach operating room temperature 24h before use.

Printing & Lamination

Material is suitable for printing and lamination on the non-sealing side of the material only. Corona treatment in-line should be used if required. Further information is available from your Impak Films USA LLC representative.

FDA Compliance: For information regarding food contact compliance, please contact your Impak Films representative

Information in this publication refers to average values of laboratory tests on samples from standard production. It is believed to be accurate and is given in good faith, but it is for the customer to satisfy the suitability for its own particular purpose. Accordingly, Impak Films gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that such exclusion is prevented by law. This document is not a product specification

Impak Films reserves the right to change the data sheet at any time without prior notification.

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